



High-Performance
**Electrical &
Electronic Materials**



Crosslink Technology Inc.
Formulated Epoxies, Urethanes • Custom Cast Parts

Our Company

Founded in 1981, Crosslink Technology Inc. has established itself as a reliable, high-quality supplier of over 1,000 formulated Epoxy and Polyurethane compounds and custom cast electrical components.

Crosslink Technology Inc. differentiates itself by developing high-performance products suitable for various applications.

Our formulated products allow customers to maximize profits through reduced operating costs and enhanced quality.

In addition, our company is dedicated to providing unlimited technical support to its customers to ensure the reliable, trouble-free application of its products.

An experienced sales force and technical staff, with many years of experience in the application of epoxy and polyurethane compounds, has and continues to provide ongoing process improvements in applications with current and potential customers.

The loyalty of many of our customers that have been with us for over 20 years is a true testament to our strength in relationship building.

Value to Increase Your Profitability

- Free knowledgeable support and advice
- Products that fit your process with minimum trade-offs
- Dependable specific Quality Control
- Unconditional support
- Industry specific solutions
- **Assistance to solve problems related to:**
 - Corona
 - Adhesion
 - Thermal conductivity
 - Cracking
 - Component damage

The best protection for your device

Products designed to protect your instrument transformers, dry type transformers, cast coil transformers and high-voltage electronic circuits for indoor and outdoor service.

- Excellent crack resistance
- Low core pinch
- Excellent adhesion to other insulating materials
- Excellent thermal cycling capabilities
- Excellent environmental protection
- Excellent arc track resistance
- Extremely low or corona-free insulation
- Low working viscosity
- High operating temperature
- Good dielectric properties
- Unique products to yield excellent toughness through a combination of tensile strength and elongation properties
- Low corona levels are easily achievable through proper design and material



It is possible to eliminate the necessity for cushioning components in a number of applications.

The benefits of a properly manufactured, well-formulated product

Purchasing a formulated product vs. self-compounding individual ingredients

To make this decision, one must consider the following points:

- How do we confirm that each raw material purchased is within the required specification?
- Do we have ways to properly store each raw material considering the specified storage conditions?
- Do we have the knowledge and equipment necessary to pre-condition each ingredient to be used in the final product?
- Are we likely to need consistent, repeatable batch sizes or will we need to constantly scale up or scale down batches depending on our need?
- Do we have the proper mixing equipment with the correct mixing action for properly blending ingredients?
- How much do we have to invest to acquire the right equipment?
- Do we have the vacuum capabilities to properly de-air batches?
- Do we know what to do if a batch does not meet our needs as manufactured?
- Do we know what ingredients to adjust and how each of those adjustments will affect the cured properties?
- Do we know how to determine the cured properties of a batch before it is used in production?
- Do we know what the acceptable variations are in the final product?
- Do we know how to troubleshoot the final product in case it does not perform as required?

Formulating issues

Impact on final product or handling

Properly dried fillers	Dielectric strength, Dissipation factor
Properly wetted fillers	Dielectric strength, Partial discharge, Viscosity
Appropriate level of vacuum	Corona, Viscosity, Voltage breakdown
Moisture content of resin / hardener components	Reactivity, Corona, Thermal cycle, Cure temperature, Dielectric strength
Vapour pressure (of overall system)	Corona, Vacuum/Pressure processing parameters
Off ratio ingredients	Cured properties, Electrical properties, Mix ratio, Adhesion, Thermal performance, Tensile strength, Elongation properties
Improperly de-aired mix	Corona, Electrical properties
Over de-aired mix (vacuum stripping)	Corona, Electrical & Mechanical properties
Improperly dispersed fillers	Viscosity, Shrinkage, Mechanical and Electrical properties
Undetected formula errors	UL®, CSA® or EU approvals, Long-term performance, Reputation

The above issues are not all encompassing. There are some performance issues that could arise, as a result of undetected problems in self-compounded products, during the service life of the final equipment.

“The one size fits all” concept assumes that each manufacturer purchasing a product will use it in exactly the same way under identical circumstances. This is not always true as processes differ among manufacturers. It stands to reason that different circumstances necessitate slightly different products in order to best fit each unique process with minimum trade-offs for maximum profitability. In other words, one can make a product fit or acquire a product that is suited to the process at hand.

Value vs. Price

Price is only one component of value. The other key components are adaptability, reliability and availability. In the case of acquiring properly formulated products, price may be the smallest component of value given all the other benefits that increase profitability.

Small troubleshooting guide example

Common problems	Probable cause	Possible fix
Inconsistent Colour	Separation caused either during transit or storage.	Stir thoroughly to disperse pigment(s). De-air mix after stirring.
No gel or will not cure	Incorrect mix ratio	Mix individual components separately to disperse fillers. De-air after mixing. Confirm that the correct weight of resin and hardener are being mixed.
	Resin and hardener not mixed well enough	Mix thoroughly scraping the sides of the container.
	Incorrect resin or hardener used	Not all hardeners react with all resins. Check and confirm that the correct components are being mixed together.
	Missing resin or hardener component	Check for blocked lines or inoperative valves on dispense equipment. Confirm that all the required components are present in the mix.
	Insufficient heat applied or the pot life has not expired	Some systems require the application of heat to start the reaction. In these cases the reaction is extremely slow or does not start without the application of heat. Apply heat as stated on the technical data sheet.
	The mix is off ratio	Confirm that the mix is not short on resin or over catalyzed. Make certain that the fillers are properly dispersed. Make certain that all supply lines are clear from blockage and material is not leaking past the seals on dispense equipment.
Pot Life is shorter than expected or is shorter than stated on the Technical Data Sheet	The processing temperature is too high	The application of heat will speed the reaction. Hot embedded components, mixed material that has been heated to reduce viscosity or high ambient temperature will all shorten pot life. The problem may be solved by cooling the heat source before processing.
	The amount mixed at one time is too large	Choosing the correct hardener is critical where there is a requirement to mix large amounts of material at one time for processing. The exothermic reaction is usually mass dependent. The higher the mass the more heat is generated causing a faster reaction. Cooling the mix may help but choosing a slower hardener is better.




Time-tested unique formulations for the **Electrical Industry**...

UL[®] recognized products to meet your needs.



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- Enhanced electrical and mechanical properties with long service life.
- Quality you can trust.
- **NO WORRY, NO HASSEL.**



ISO 9001: 2008 Quality System 



Energy Efficient Polyurethane Solutions				Mix Ratio pbw	Mixed Viscosity @ RT	Gel Time @ RT	Hardness (Shore)
Application	Resin / Hardener	Color	Key Property				
Transformer Potting & Casting	CLP 7469 CLI 4161	Grey	Product is especially suited for encapsulating low and medium voltage power and instrument transformers where cushioning of core is not practical.	100: 22	3,500	20 min.	78 D
	CLP 7366 CLI 4161	Black	Formulated for excellent thermal cycling performance. Recommended for potting and encapsulating low to medium voltage instrument transformers.	100: 28	3,250	30 min.	83 D
Module Potting	XPD 1634 XID 1638	Black	Machine dispense friendly 1:1 pbw ratio mix, semi-rigid potting and casting system. Product meets in-house testing for UL 94-V0.	100:110	3,500	25 min.	78 D
Potting Casting & Sealing	CLP 7330 CLI 4161	Amber	Unfilled, flexible, system, suitable for potting and casting in applications requiring thermal and mechanical shock resistance.	100: 50	600	30 min.	75 A
	CLP 7216 CLI 4161	Black	Unfilled, flexible, system, with improved tear resistance, suitable for use applications requiring thermal and mechanical shock resistance.	100: 35	350	30 min.	60 A
Potting Casting & Sealing	CLP 7506 CLI 4161	Black	Unfilled, semi-rigid system, suitable for sealing, potting and casting in electrical and electronic applications requiring thermal and mechanical shock resistance.	100: 55	400	15 min.	65 D
	XRD 2085 CLI 4182	Amber	Unfilled, flexible system with excellent moisture resistance. Product is recommended for cushioning of pressure sensitive electronics.	100: 30	3,600	35 min.	25 A

RT Cure Electronic Potting Polyurethane Systems

Resin	Hardener	Filled or Unfilled	Color	Key Property	Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)
XP6 1862	CLI 4161	Filled	Black	UL 94-V0, Flexible, Fast setting, polyurethane to provide environmental protection for potted electronic modules that require thermal cycling performance.	100: 16	4,000	3 min.	4.5 min.	93 A
CLP 7106	CLI 4010	Filled	Black	UL 94-V0, Convenient 1:1 pbv mix, flexible polyurethane system for potting and casting in electrical applications	100: 109	4,000	10 min.	20 min.	90 A
CLP 7806	CLI 4161	Filled	Black	Flexible, polyurethane system for casting transformers, coils, and electronic components. Excellent thermal cycling performance. Product meets in-house testing for UL 94-V0.	100: 16	4,000	30 min.	60 min.	60 D
CLP 7469	CLI 4161	Filled	Grey	Urethane two component system, with excellent thermal shock resistance. Product is especially suited for encapsulating low and middle voltage power and instrument transformers where cushioning of the core is not practical.	100: 22	3,500	10 min.	20 min.	78 D
CLP 7366	CLI 4161	Filled	Black	Polyurethane two component system, formulated for excellent thermal cycling performance. Recommended for potting and encapsulating low to medium voltage instrument transformers	100: 28	3,250	15 min.	30 min.	83 D
XPD 1634	XID 1638	Filled	Black	Polyurethane two component semi-ridged potting and casting system. Machine dispense friendly 1:1 pbv ratio. Product meet in-house testing for UL 94-V0	100: 110	3,500	20 min.	25 min.	78 D
CLP 7330	CLI 4161	Unfilled	Amber	Unfilled, flexible, two component, polyurethane system, suitable for potting and casting in electrical and electronic applications requiring thermal and mechanical shock resistance.	100: 50	600	20 min.	30 min.	75 A
CLP 7216	CLI 4161	Unfilled	Black	Unfilled, flexible, two component polyurethane system with improved tear resistance. Product is suitable for use in electrical and electronic applications requiring thermal and mechanical shock resistance.	100: 35	350	15 min.	30 min.	60 A
CLP 7506	CLI 4161	Unfilled	Black	Unfilled, semi-ridged, two component polyurethane system. Product is suitable for sealing, potting and casting in electrical and electronic applications requiring thermal and mechanical shock resistance.	100: 55	400	4 min.	15 min	65 D
XPD 2085	CLI 4182	Unfilled	Amber	Unfilled, flexible, two component polyurethane system with excellent moisture resistance. Product is recommended for cushioning of pressure sensitive electronics.	100: 30	3,600	25 min.	35 min.	25 A

Highlighted Products for Electrical Applications

	Casting Large Bushings, Insulators, Instrument and Power Transformers		Casting Low-Voltage Bushings and Insulators		Casting Transformer Coils and Electronic Components	
Resin	CLR 1837	CLR 2161	CLR 1331	CLR 1837	CLR 3507	CLP 7806
Hardener	CLH 5185	CLH 5100	CLH 6010	CLH 6010	CLH 6230	CLI 4161
Hardener	Heat Cure Epoxy systems with excellent thermal stability and cycling performance. Products meet in-house UL 94-HB testing. CLR 2161 / CLH 5100 is suitable for outdoor applications.		RT Cure extremely tough Epoxy systems suitable for thermal cycling applications down to -40oC. Non-abrasive fillers in CLR 1837 / CLH 6010 make it suitable for machine dispense applications.		Semi-flexible RT cure epoxy system suitable for large castings. Meets in-house UL 94-HB testing.	Semi-flexible RT cure polyurethane with excellent thermal cycling performance. Meets in-house UL 94-V0.
Handling						
Mix Ratio Parts Weight	100: 30	100: 20	100: 7.5	100: 7.5	100: 10	100: 16
Mixed Viscosity	6,000 cps @ 60c.	800 cps @ 60c.	4,500 cps @ 70c.	4,500 cps @ 70c.	3,500 cps @ 22c.	4,000 cps @ 22c.
Gel Time	30 min. @ 125c.	55 min. @ 70c.	6 min. @ 70c.	6 min. @ 70c.	90 min. @ 60c.	60 min. @ 22c.
Physical properties						
Color	Red	Grey	Grey	Red	Red	Black
Hardness, Shore D	90	90	91	91	63	60
Cured Specific Gravity	1.63	1.7	1.71	1.83	1.55	1.5
Tensile Strength	9,500	9,500	10,500	10,500	1,500	1,050
Flexural Strength	16,000	16,500	16,000	12,000	N/A	N/A
% Elongation	4.0	3	4.5	4.5	30	40
HDT	100c	90c.	117c.	100c.	N/A	N/A
Operating Temperature	155c.	155c.	130c.	130c.	130c.	105c.
Electrical Properties						
Dielect. Strength v/mil, 1/16" sec.	538	561	594	536	607	599
Vol. Resist. Ohms x 10 E 14	12	13	4.3	11	0.043	1.3
Surface Resist. Ohms x 10 E 13	9.6	3.4	5.6	8.3	0.13	5
Dielect. Constant 10 kHz, 1MHz	0.0120, 0.0131	0.0118, 0.0131	0.0197, 0.0178	0.0151, 0.0158	0.0516, 0.0419	0.0514, 0.0267

RT Cure - Filled Epoxy Electronic Potting Systems

Resin	Hardener	Hardener	Key Property	Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)
CLR 1821	CLH 6441	Grey	UL 94-V1 Epoxy system for casting and potting electrical and electronic components.	100: 100	20,000	20 min.	45 min.	87 D
CLR 1796	CLH 6580	Black	UL 94-V0 Epoxy system for potting and casting small electronic parts that require thermal shock and thermal cycling performance	100:9	5,000	30 min.	60 min.	87 D
XRD 1116	XHD 1117	Grey	Room Temperature Cure Epoxy system suitable for potting and casting electrical/electronic components. 2:1 machine dispense friendly mix.	100: 50	9,000	15 min.	25 min.	87 D
	XHD 1158	Black		100: 50	8,000	30 min.	45 min.	87 D
	XHD 1281	Black		100: 50	8,000	45 min.	60 min.	87 D
CLR 1820	CLH 6440	Tan	Room Temperature Cure, High operating temperature epoxy. Temperature classification as part of an electrical insulating system it will meet Class H	100: 100	30,000	10 min.	23 min.	87 D
CLR 1546	CLH 6520	Black	Room Temperature Cure, filled epoxy system suitable for low shrink casting and potting applications.	100: 40	2,500	40 min.	3 hrs.	83 D
CLR 1556	CLH 6640	Black	Room Temperature Cure, filled epoxy system suitable for machine dispense. Product is recommended in applications requiring thermal cycling endurance.	100: 15	3,000	60 min.	90 min.	70 D
CLR 1946	CLH 6500	Black	Room Temperature Cure, filled, semi-flexible epoxy system suitable for machine dispense. Product is recommended for potting and encapsulating applications.	100: 100	7,500	60 min.	2.5 hrs.	65 D
CLR 3516	CLH 6230	Black	Room Temperature Cure, filled, semi-flexible epoxy system. Long pot life material is suitable for large mass casting or heat induced curing with minimal stress.	100: 10	3,500	30 min. @ 60c.	2 hrs. @ 60c.	82 D
CLR 1583	CLH 6229	Green	Room Temperature Cure, 2:1 pbv mix, filled epoxy system suitable for machine dispense. Product is recommended in applications requiring moderate gel time and thermal cycling endurance.	100: 30	7,500	15 min.	30 min.	85 D
CLR 1476	CLH 6730	Black	Room Temperature Cure, machine dispense friendly epoxy with good physical, electrical and thermal cycling performance.	100: 7	12,000	5 min.	50 min.	87 D

Optically Clear Outdoor Polyurethane Systems Suitable for Solar and LED Applications

Resin	Hardener	Key Property	Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)
CLI 4460	XPD 2038	Good impact resistance with heat distortion temperature of 90c.	100:50	1,000	15 min.	20 min.	80D
XID 1254	XP9 2028	Excellent impact resistance with heat distortion temperature of 75c. (XP9 2028 slower version)	100:75	400	60 min.	75 min.	80D
	XPD 2028		100:75	400	15 min.	18 min.	80D
XID 1254	XPD 1869	Tough, impact resistant clear polyurethane with heat distortion temperature of 70c.	100:80	500	15 min.	18 min.	80D
XPD 1907	CLI 4460	RoHS compliant clear polyurethane with 1:1 pbw mix suitable for doming applications	100:104	850	25 min	35 min.	75D
XPD 1698	XID 1254	User-friendly, high shore A hardness, clear polyurethane suitable for solar applications	100:50	1,100	25 min.	30 min.	95A
XPD 2192	XID 1254		100:42	1,300	30 min.	40 min.	90A
XPD 2129	XID 1254	User-friendly, moderately high shore A hardness, clear polyurethane	100:36	1,300	30 min.	40 min.	85A
XPD 2009	XID 1254		100:32	1,300	30 min.	40 min.	70A
XPD 1950	XID 1254	User-friendly, mid-shore A hardness, clear polyurethanes suitable for flexible solar applications	100:30	1,300	30 min.	40 min.	65A
XPD 1696	XID 1254		100:27	500	50 min.	80 min.	45A

Thermally Conductive Epoxy for Electronic Applications

Resin	Hardener	Colour	Key Property	Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)
XRD 2249	CLH 6930	Grey	RT cure, thermally conductive epoxy adhesive suitable for bonding components to metal heat sinks	100: 9	30,000	30 min.	45 min.	85 D
CLR 1876	CLH 6020	Black	RT cure, thermally conductive and electrically insulating epoxy potting suitable for applications requiring heat dissipation from thermally sensitive parts.	100: 3	37,500	20 min.	45 min.	90 D
CLR 1876	XHD 2282	Black	RT cure, thermally conductive and electrically insulating 1:1 pbw epoxy adhesive suitable for heat transfer in electronic applications. Product features improved thermal cycling performance.	100: 67	55,000	60 min.	18 min. @ 60c.	75 D
CLR 1876	CLH 6631	Black	A heat curing epoxy system suitable for applications operating up to 180c. requiring thermal conductivity and electrical insulation	100: 6	30,000	2 hrs.	5 hrs.	90 D

VOC FREE DIPPING / IMPREGNATING SYSTEMS

System	Key Property	Handling					
		Color	Mix Ratio pbw	Viscosity cps	Gel Time	Hardness	Op. Temp.
CLR 1190 / CLH 5166	Two part, dipping/ coil impregnant	Lt. Amber	100: 80	650	2 hrs. @ 100c.	85 D	180c
CLS 9600	High Temp. dipping/coil impregnant	Drk. Amber	N/A	1,100	25 min. @ 125c.	85 D	220c
CLS 9310	Low Viscosity, 155c. Operating temperature	Lt. Amber	N/A	400	45 min. @ 125c.	85 D	155c
CLS 9100	Impregnant also suitable for sand casting	Lt. Amber	N/A	2,000	90 min.@ 125c.	75 D	180c

RT Cure Unfilled Epoxy for Electronic Applications

Resin	Hardener	Color	Key Property	Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)
CLR 1190	CLH 6230	Lt Amber	Room Temperature Cure, Unfilled low viscosity epoxy coating and casting systems with improved thermal and shock resistance.	100: 30	600	4 hrs.	8 hrs.	80 D
	CLH 6560	Lt Amber		100: 30	800	40 min.	50 min.	79 D
XRD 2209	CLH 6230	Lt Amber	Room Temperature, two component, zero VOC, epoxy conformal coating with good adhesion to a variety of substrates	100: 32	300	6 hrs.	12 hrs.	80 D
CLR 1180	CLH 6770	Lt Amber	Two component moderately fast gelling, optically clear indoor epoxy suitable for coating, adhesive, and small potting applications	100: 50	700	10 min.	25 min.	80 D
CLR 1190	CLH 6830	Lt Amber	Two component 5 min. epoxy system with optical clarity and high strength suitable for indoor quick repair applications	100 :100	20,000	3 min.	4 min.	80 D
CLR 2184	XHD 1879	Lt Amber	Two component 2:1 pbw aliphatic outdoor epoxy system suitable for small mass potting and coating applications	100: 40	200	45 min.	90 min.	80 D

Application	UL RECOGNIZED PRODUCTS					Mix Ratio pbw	Mixed Viscosity @ RT	Pot Life @ RT	Gel Time @ RT	Hardness (Shore)	UL Approved as:				
	Resin	Hardener	Color	Cure	Key Property						Plastic Comp.	Flame Class	Temp (2)	Class	V
Potting	XP6 1862	CLI 4161	Black	RT	UL 94-V0; Flexible, Fast-setting, Polyurethane to provide environmental protection for potted electronic modules that requires thermal cycling performance.	100: 16	4,000	3 min.	4.5 min.	93 A	50	V-0			
Potting	CLR 1821	CLH 6441	Grey	RT	UL 94-V1 Epoxy system for casting and potting electrical and electronic components, as part of an electrical insulating system it will meet Class H electrical temperature classification.	100: 100	20,000	20 min.	45 min.	87 D	90	V-1			
Potting	CLR 1796	CLH 6580	Black	RT	UL 94-V0 Epoxy system for potting and casting small electronic parts that require thermal shock and thermal cycling performance.	100: 9	5,000	30 min.	60 min.	87 D	90	V-0	130	B	600
Potting / Casting	CLP 7106	CLI 4010	Black	RT	UL 94-V0, convenient 1:1 pbw mix, flexible polyurethane system for potting and casting in electrical applications.	100: 109	4,000	10 min.	20 min.	90 A	50	V-0			
	CLR 1546	CLH 6520	Black	RT	Room Temperature Cure, filled epoxy system suitable for low-shrink casting and potting applications.	100: 40	2,500	40 min.	3 hrs.	83 D			130	B	600
Potting / Casting	XRD 1116	XHD 1117	Grey	RT	Room Temperature Cure Epoxy system suitable for potting and casting electrical / electronic components. 2:1 machine dispense friendly mix.	100: 50	9,000	15 min.	25 min.	87 D			155	F	600
		XHD 1158	Black	RT		100: 50	8,000	30 min.	45 min.	87 D			155	F	600
		XHD 1281	Black	RT		100: 50	8,000	45 min.	60 min.	87 D			155	F	600
Potting / Casting	CLR 1820	CLH 6440	Tan	RT	Room Temperature Cure, high-operating temperature epoxy for casting and encapsulation of electrical and electronic components. Product is machine dispense friendly.	100: 100	30,000	10 min.	23 min.	87 D			180	H	600
	CLR 1556	CLH 6640	Black	RT	Room Temperature Cure, filled epoxy system suitable for machine dispense. Product is recommended in applications requiring thermal cycling endurance.	100: 15	3,000	60 min.	90 min.	70 D			130	B	600
Potting / Casting	CLR 1946	CLH 6500	Black	RT	Room Temperature Cure, filled, semi-flexible epoxy system suitable for machine dispense. Product is recommended for potting and encapsulating applications.	100: 100	7,500	60 min.	2.5 hrs.	65 D			130	B	600
	CLR 3516	CLH 6230	Black	RT	Room Temperature Cure, filled, semi-flexible epoxy system. Long pot life material is suitable for large mass casting or heat-induced curing with minimal stress.	100: 10	3,500	30 min. @ 60c.	2 hrs. @ 60c.	82 D			130	B	600
Instrument & Power Transformer	CLR 1331	CLH 5515	Grey	HC	Heat Cure Epoxy System formulated for instrumental and power transformers. Cured Epoxy exhibits excellent thermal stability and thermal cycling performance.						130	HB			
	CLR 1336		Black	HC		100: 50	4,000 @ 65c.	25 min. @ 125c.	40 min @ 125c.	82 D	130	HB	155	F	600
	CLR 1337		Red	HC							130	HB	155	F	600
Instrument & Power Transformer	CLR 1157	CLH 5515	Red	HC	Heat Cure Semi-rigid Epoxy Transformer Casting System. Increased flexibility when compared to CLR 1331/CLH 5515 family. System exhibits excellent thermal stability and thermal cycling.	100: 50	2,250 @ 65c.	30 min. @ 125c.	40 min. @ 125c.	70 D	130	HB	155	F	600
	CLR 1831	CLH 5185	Grey	HC	Heat Cure, low-stress, extremely tough, epoxy casting system for large bushings, insulators, power and instrument transformers. Higher heat deflection temperature when compared to CLR 1331 / CLH 5515 family. Machine dispense friendly with excellent thermal stability and thermal cycling performance.						130	HB			
	CLR 1836		Black	HC		100: 30	6,000 @ 60c.	20 min. @ 125c.	30 min. @ 125c.	90 D	130	HB			
CLR 1837	Red		HC							130	HB	155	F	600	
Instrument & Power Transformer	XRD 1321	CLH 5185	Red	HC	Heat Cure, machine dispense friendly, tough, casting epoxy system. Increased flexibility when compared to CLR 1831 family.	100: 27	1,200 @ 65c.	20 min. 125c.	30 min. @ 125c.	85 D	130	HB	155	F	600
	CLR 2161	CLH 5100	Grey	HC	Heat Cure, UV resistant, outdoor, low-stress, large mass casting epoxy system for instrument and power transformers.	100: 20	800 @ 60c.	20 min. @ 100c.	55 min. @ 100c.	90 D	130	HB			
Potting / Casting	CLR 1190	CLH 6230	Amber	RT	Room Temperature Cure, unfilled low-viscosity epoxy coating and casting systems with improved thermal and shock resistance.	100: 30	600	4 hrs.	8 hrs.	80 D			130	B	600
		CLH 6560	Amber	RT		100: 30	800	40 min.	50 min.	79 D			130	B	600
Pressure Sensitive Potting	CLS 9611		Grey	HC	Heat Cure Single Component semi-flexible epoxy potting and encapsulating system. Product is suitable for potting ferrites and pressure sensitive components in electrical and electronic applications.	N/A	16,000	90 days	90 min. @ 100c.	70 D	130	HB			
	CLS 9616		Black	HC		N/A	16,000	90 days	90 min. @ 100c.	70 D	130	HB			

(2) The highest temperature rating is shown. The rating may be lower if used as plastics component.

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Long-Standing Business Philosophy

"Our strength is in our formulations. Products must save more than what they cost and work as intended. We believe that a formulation is best suited to the device and the manufacturing method it was originally developed for. Since production methods for the same device differ between customers, it is likely that the formulation will have to be adjusted in order to yield the same cost effective value and maximize customer profit. We take pride in our ability to optimize our product for each unique circumstance."

Co-Founder Karl Egenberger

"Epoxy and Polyurethane formulations, founded in 1981, Crosslink Technology Inc. has established itself as a leader in formulating and manufacturing compounds for use in the most demanding applications."

Staying close to the customer and ensuring complete satisfaction are the keys to Crosslink's long-term success."

Co-Founder John Ulcar

The company is recognized as a supplier of high-quality products to the electrical, electronic, automotive and tooling industries.



Crosslink Technology Inc.

Formulated Epoxies, Urethanes • Custom Cast Parts

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