

Adhesive Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	9315A	9315B	Toughened Laminating	100A : 33B	100A : 39B	83	14,700	18,400	487,000	1,000	Amber	60	175*	YES
CPD	9490-7A	9490B	Chemically Resistant	100A : 44B	2A : 1B	88	14,300	18,100	461,000	120,000	Neutral	15	210*	YES
CPD	9491A	9491B	Fire Resistant	100A : 31.7B	2.88A : 1B	90	16,900	12,500	1,240,000	200,000	Neutral	75	170*	YES
CPD	9498A	9498B	Flexible	100A : 83B	100A : 100B	77	7,200	8,800	203,000	Thixotropic Paste	Buff	40	189*	YES

Casting Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	301A	301B	Aluminum Filled	12A : 1B	6.2A : 1B	92	13,500	8,400	290,000	7,000	Grey	45 - 50	170*	YES
CPD	302A	302B	Aluminum Filled	12A : 1B	6.1A : 1B	92	13,800	8,600	294,000	6,200	Grey	35 - 40	170*	YES
CPD	9533A	9286B	Aluminum Filled	100A : 6B	9.25A : 1B	89	35,000	11,500	450,000	18,000	Grey	90	355*	YES
CPD	9533A	9255B	Aluminum Filled	100A : 7B	8A : 1B	89	36,300	11,200	451,000	18,000	Grey	200	355*	YES

Compression / Press Molding Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	3686A	3800B	Fast Cure	100A : 20B	4.6A : 1B	85	17,400	15,900	496,000	7000	Clear-Amber	14	230*	YES
		3874B		100A : 21B	4A : 1B	85	14,300	18,600	402,000	2,000	Clear	20-30	252*	YES
		3875B		100A : 21B	4A : 1B	85	17,000	19,000	475,000	2,000	Clear	50-60	260*	YES
CPD	3612A	3875B	Warm Cure	100A : 21B	4A : 1B	85	17,400	19,500	467,000	1,300	Clear	50-60	261*	YES

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Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	2102A	9244B	Aluminum Filled	100A : 10B	8A : 1B	88	24,000	8,700	305,000	Thixotropic	Black	120	300*	YES
CPD	2102A	9245B	Aluminum Filled	100A : 14B	6A : 1B	89	25,000	8,500	310,000	Thixotropic	Black	60	282*	YES
CPD	2132A	9284B	Aluminum Filled	100A : 10B	7A : 1B	92	28,500	13,000	340,000	Thixotropic	Grey	30	355*	YES
CPD	2132A	9286B	Aluminum Filled	100A : 10B	7A : 1B	92	28,500	13,000	340,000	Thixotropic	Grey	60	355*	YES
CPD	406A	406B	General Purpose	100A : 10B	6.6A : 1B	88-90	13,800	10,300		Thixotropic Paste	White	20 - 25	165*	YES

Filament Winding Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	3727A	3950B	High Performance	100A : 22B	4A : 1B	86	15,200	13,700	280,000	2,800	Amber	8.6 hrs	368*	YES
		3951B		100A : 36B	10A : 4.4B	89	12,200	16,300	408,000	1,000	Clear	200	240*	YES
		3954B		100A : 45B	10A : 5.3B	85	10,700	14,600	364,000	1,500	Clear	250	183*	YES
		3955B		100A : 27B	3A : 1B	88	15,400	18,900	448,000	1,300	Clear	160	315*	YES
CPD	4358A	4358B	NSF Certified	100A : 50B	10A : 5.6B	82	11,000	12,500	435,000	700	Clear	40-45	150*	YES

Infusion / Injection / RTM Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	2110A	9227B	Color Indicator Available	100A : 28B	3A : 1B	84	13,800	17,500	496,000	300	Straw Yellow	130	190*	YES
		9260B		100A : 28B	3A : 1B	84	14,200	18,400	479,000	300	Straw Yellow	50	200*	YES
		9262B		100A : 29B	3A : 1B	84	14,800	19,500	489,000	300	Straw Yellow	35	200*	YES
CPD	4288A	9239B	Flame Retardant	100A : 20B	4A : 1B	86	16,900	24,400	561,000	500	Clear-Amber	50	197*	YES
CPD	4281A	4284B	Low Viscosity	100A : 22B	100A : 27B	86	18,800	15,400	413,000	150	Clear-Amber	40	180*	YES
		4286B		100A : 22B	100A : 27B	86	15,800	20,500	437,000	220	Clear-Amber	70	210*	YES
		9226B		100A : 28B	3A : 1B	87	13,100	17,700	432,000	275	Clear-Amber	480	170*	YES
		9227B		100A : 28B	3A : 1B	87	13,800	17,700	440,000	280	Clear-Amber	130	180*	YES
CPD	4310A	9226B	High Temp	100A : 33B	2.5A : 1B	78	11,700	15,000	460,000	200	Straw Yellow	450	185*	YES
		9234B		100A : 25B	3.2A : 1B	87	16,700	19,500	454,000	400-600	Clear-Amber	110	312*	YES
		9239B		100A : 20B	4A : 1B	85	15,800	17,200	446,000	400-600	Clear-Amber	60	259*	YES

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Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	2128A	4302B	General Purpose	100A : 102B	1A : 1B	87	15,400	6,000	454,000	2,000	Amber	30	260*	YES
CPD	4282A	4302B	Flame Retardant	100A : 60B	1.5A : 1B	91	17,000	6,600	672,000	3,200	White	30	250*	YES
CPD	4303A	4303B	High Temp	100A : 107B	100A : 103B	87	25,600	20500	536000	750	Brown	2-4 Hours	375*	YES

Bio-Based Epoxy Resin Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	3686A	3800B	Fast Cure	100A : 20B	4.6A : 1B	85	17,400	15,900	496,000	7,000	Clear-Amber	14	230*	YES
		3874B		100A : 21B	4A : 1B	85	14,300	18,600	402,000	2,000	Clear	20-30	252*	YES
		3875B		100A : 21B	4A : 1B	85	17,000	19,000	475,000	2,000	Clear	50-60 min.	260*	YES
CPD	3687A	4286B	Low Viscosity	100A : 20B	100A : 22B	83	14,600	19,000	421,000	300	Clear-Amber	75 min.	194*	YES

Laminating Epoxy Systems

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	100A	9252B	Wood Laminating	100A : 18B	5A : 1B	85	11,700	14,400	486,000	1,200	Amber	13	202*	YES
	107A	9252B		100A : 18B	5A : 1B	85	11,700	14,400	486,000	2,200	Amber	13	202*	YES
	100A	9253B		100A : 17B	5A : 1B	86	11,200	13,800	463,000	450	Amber	23	132*	YES
	107A	9253B		100A : 17B	5A : 1B	86	11,200	13,800	463,000	1,300	Amber	23	132*	YES
	100A	9292B		100A : 30B	3A : 1B	80	13,100	16,000	451,000	460	Straw Yellow	25	135*	YES
	107A	9292B		100A :30B	3A : 1B	80	13,100	16,000	451,000	590	Straw Yellow	25	135*	YES
	100A	4364B		100A : 30B	3A : 1B	80	12,900	15,700	451,000	430	Straw Yellow	120	135*	YES
	107A	4364B		100A : 30B	3A : 1B	80	12,900	15,700	451,000	550	Straw Yellow	120.	135	YES
	100A	9287B		100A : 30B	3A : 1B	79	12,400	15,300	439,000	440	Straw Yellow	220	135*	YES
	107A	9287B		100A :30B	3A : 1B	79	12,400	15,300	439,000	570	Straw Yellow	220.	135	YES
CPD	2134A	4307B	High Temp Tooling	100A : 90B	100A : 86B	90	21,300	17,900	488,000	1,800	Dark Amber	60	385*	YES
		9286B		100A : 14B	6A : 1B	88	21,500	16,600	470,000	1,800	Dark Amber	50	355	YES
CPD	4215A	9372B	Hand Layup, Vacuum Bagging	100A : 27B	3A : 1B	88	14,400	17,800	423,000	Thixotropic	Amber	28	185*	YES
		9373B		100A : 27B	3A : 1B	85	12,700	16,000	399,000	Thixotropic	Amber	129	166*	YES

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Laminating Epoxy Systems Continued

Brand	Resin	Hardener	Description	Mix Ratio by Weight	Mix Ratio by Volume	Hardness	Compressive Strength, psi	Flexural Strength, psi	Flexural Modulus, psi	Initial Mixed Viscosity 25°C, cP	Color	Gel Time at 25°C, 150 g mass, minutes	HDT, °F (*Post Cure)	Post Cure Required
CPD	4217A	9263B	Thixotropic, Hand Layup, Vacuum Bagging	100A : 33B	2.5A : 1B	86	12,500	15,100	479,000	2,100	Opaque	38	168*	YES
		9283B		100A : 33B	2.5A : 1B	86	11,900	14,300	467,000	1,400	Opaque	140	164*	YES
		9292B		100A : 33B	2.5A : 1B	87	12,300	14,800	473,000	1,800	Opaque	50	166*	YES
		4364B		100A : 33B	2.5A : 1B	86	11,700	13,400	469,000	1,200	Opaque	440	166*	YES
		9287B		100A : 33B	2.5A : 1B	86	11,700	13,100	470,000	1,100	Opaque	600	165*	YES
CPD	4222A	9372B	General Purpose, Hand Layup, Vacuum Bagging	100A : 28B	3A : 1B	86	14,600	12,800	450,000	800	Amber	60	185*	YES
		9373B		100A :28B	3A : 1B	86	13,500	18,200	477,000	580	Amber	215	181*	YES
CPD	4282A	4302B	High-Temp, Flame Retardant	100A : 60B	1.5A : 1B	91	17,000	6,600	672,000	3,200	White	30	250*	YES
CPD	4358A	4359B	NSF Certified	100A : 45B	2A : 1B	84	12,700	13,500	441,000	900	Clear	85	158*	YES
CPD	506A	506B	General Purpose, Filled	100A : 17B	4.3A : 1B	89	38,000	3	390,000	3,000	White	30	200*	YES

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