

Product List: Room-Temp-Cure Polyurethane Casting Resin Systems



Room-Temp-Cure Polyurethane Casting Resin Systems (Page 1 of 3)

Product Code	Hardness (Shore Durometer)	Mixing Ratio (by weight)	Mixing Ratio (by volume)	Pot life* (min)	Tensile Strength (psi)	Tear Resistance (Die-C, pli)	Bashore Rebound (%)	General Description
MPP-A15C	7 - 15 A	100: 400	100: 446	20 - 25 min.	283	68	ND	General purpose casting resin. High elongation. Variable ratio/hardness
MPP-A25E	20 - 30 A	100: 191	100: 200	15 - 18 min.	389	90	51	General purpose casting resin. Soft mold making material for concrete and low temperature molding compounds
MPP-A30E	30 - 35 A	100: 96	100: 100	13 - 16 min.	536	111	41	General purpose casting resin. Soft mold making material for concrete and low temperature molding compounds
MPP-A40E	40 - 45 A	100: 100	100: 107	13 - 16 min.	867	134	17	General purpose casting resin. Soft mold making material for concrete and low temperature molding compounds
MPS-A40C	40 - 50 A	100: 60	100: 67	13 min.	540	123	ND	Polyester-polyether hybrid formula for gasket used in oily conditions
MPP-A50F	45 - 50 A	100:283	100: 317	13 min.	310	67	45	Good for potting applications. Fast set. Low exothermic heat. Low Shrinkage
LRB-60-1	46 - 60 A	100: 130	100: 150	8 - 10 min.	290	79	6	Low rebound resin for vibration dampening parts. Variable ratio to adjust hardness.
MPP-A50E	50 - 55 A	100: 92	100: 100	13 - 15 min.	1301	248	21	General purpose casting resin. Soft mold making material for concrete and low temperature molding compounds

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Room-Temp-Cure Polyurethane Casting Resin Systems (Page 2 of 3)

Product Code	Hardness (Shore Durometer)	Mixing Ratio (by weight)	Mixing Ratio (by volume)	Pot life* (min)	Tensile Strength (psi)	Tear Resistance (Die-C, pli)	Bashore Rebound (%)	General Description
MPP-A60A	55 - 60 A	100: 238	100: 267	13 min.	366	118	40	Good for potting applications. Fast set. Low exothermic heat. Low Shrinkage
MPP-A65A	60 - 65 A	100: 230	100: 264	10 min.	450	92	ND	Good for potting applications. Fast set. Low exothermic heat. Low Shrinkage
MPP-A70B	65 - 75 A	100: 90	100: 100	13 min.	1415	277	ND	General purpose casting resin. Mold making material for concrete and low temperature molding compounds. Decorative concrete pavement stamps.
MPP-A80H	75 - 80 A	1000: 93	1000: 97	15 min.	1818	427	ND	Full prepolymer system for high strength and high elongation. Slow
MPP-A80J	75 - 80 A	100: 90	100: 100	15 min.	1530	277	ND	General purpose casting resin. Mold making material for concrete and low temperature molding compounds. Decorative concrete pavement stamps.
MPP-A85C	85 - 90 A	100: 75	100: 82	9 - 11 min.	1730	411	ND	General purpose casting resin. Mold making material for concrete and low temperature molding compounds. Decorative concrete pavement stamps.
MPP-A95C	90 - 95 A	100: 25	100: 26	10 - 12 min.	2409	633	ND	General purpose resin for custom parts. Protective liners. Load-bearing parts. Customer parts such as scrapers,

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Room-Temp-Cure Polyurethane Casting Resin Systems (Page 3 of 3)

Product Code	Hardness (Shore Durometer)	Mixing Ratio (by weight)	Mixing Ration (by volume)	Pot life* (min)	Tensile Strength (psi)	Tear Resistance (Die-C, pli)	Bashore Rebound (%)	General Description
MPP-D45B	45 D (95 - 98A)	100: 60	100:67	5 - 7 min.	1898	407	21	General purpose resin for custom parts. Protective liners. Load-bearing parts. Customer parts such as scrapers,
MPP-D65A	60 - 70 D	100: 150	100: 125	10 - 13 min.	1250	388	25	General purpose resin for molding custom parts with high load bearing and some flexibility for impact
MPP-D73C	70 - 75 D	100: 168	100: 200	9 - 10 min.	5000	990	24	General purpose resin for molding custom parts with high load bearing and some flexibility for impact

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