

ORTHOPHTHALIC UNSATURATED POLYESTER RESIN

ALSO REFERRED TO AS ORTHO OR GENERAL-PURPOSE POLYESTER (GP) & A VERY WIDELY USED IN FRP INDUSTRY. COMMONLY USED IN APPLICATIONS WHERE HIGH MECHANICAL PROPERTIES, CORROSION RESISTANCE, AND THERMAL STABILITY ARE NOT REQUIRED. ALTHOUGH THE UPPER TEMPERATURE LIMIT IS ONLY 500C, IT PERFORMS SATISFACTORY IN WATER AND SEA WATER



PRODUCT CODE	APPEARANCE	COLOUR	SOLIDS %	VISCOSITY 25° C (cP)	Gel Time 25° C (min)	Acid Value (mg KOH/g)	HDT	APPLICATIONS
LC 100	Clear	Pale Yellow	60 ± 2	400 ± 100	12 ± 4	Max 20	65 - 70	General purposes / Clear
LC 101	Clear	Pinkish	60 ± 2	400 ± 100	10 - 20	Max 25	65 - 70	GP pre-accelerated
LC 110	Cloudy	Pinkish	60 ± 2	450 - 550	13 - 19	Max 27	65 - 70	GP thixotropic / Non-accelerated
LC 111	Cloudy	Pinkish	60 ± 2	450 - 550	13 - 19	Max 27	65 - 70	GP thixotropic / Pre-accelerated
LC 113	Clear	Pale Yellow	60 ± 2	450 - 550	13 - 19	Max 27	65 - 70	Stone Grade
LC 114	Cloudy	Pinkish	60 ± 2	400 - 600	14 - 20	21 - 27	65 - 70	Statue Grade
LC 115	Clear	Pale Yellow	68 ± 2	550 - 750	15 - 20	Max 20	65 - 70	Marble Grade
LC 116	Clear	Colorless	70 ± 2	1400 - 1700	8 - 14	Max 24	65 - 70	Premium Button Grade
LC 116 G	Clear	Colorless	70 ± 2	1400 - 1700	8 - 14	Max 24	65 - 70	Economical Button Grade
LC 117	Clear	Faint Pink	65 ± 2	400 - 500	10 - 15	Max 24	65 - 70	Transparent casting
LC 118	Clear	Pale Yellow	75 ± 2	1800 ± 200	10 ± 4	15 - 20	65 - 70	Car Putty
LC 119	Clear	Pale Yellow	70 ± 2	1400 - 1600	20 - 24	20 - 26	65 - 70	SMC Grade
LC 208	Cloudy	Bluish	62 ± 2	1500 - 2000	30 - 40	15 - 20	65 - 70	Premium Boat Grade
LC 121	Cloudy	Bluish	62 ± 2	1500 - 2000	30 - 40	15 - 20	65 - 70	Economical Boat Grade
LC 123	Cloudy	Pinkish	60 ± 2	600 - 700	20 - 30	Max 25	65 - 70	Ceramic Binder Grade
LC 130	Clear	Bluish	58 ± 2	150 - 250	11 ± 3	Max 27	65 - 70	Rooflite Resin
LC 131	Clear	Pale Yellow	75 ± 2	1800 ± 200	10 ± 4	15 - 20	65 - 70	Wood Putty
LC 132	Clear	Pale Yellow	75 ± 2	3000 ± 500	10 - 15	Max 20	65 - 70	Putty Grade