

# POLYESTER RESINS TABLE

## LAMINATION

NAME	RETICULATION			PHYSICAL PROPERTIES		TECHNICAL PROPERTIES			APPLICATIVE SECTORS
	CAT. WEIGHT (%)	Pot life (min.)	Complete curing (min.)	Color A+B	Viscosity A+B (CpS)	Elongation at break (%)	Vitreous transmission (Tg °C)	TENSILE STRENGTH (N/mm2)	
<b>RESINPOL RO-601</b>	100:2	9 ± 3	20 ± 4	Light yellow	450 ± 50	2,5 ± 0,2	78	55 ± 5	<b>ORTHOFTALIC</b> - Owing to its low linear shrinkage is suitable to realize high thickness hand-made compounds. Tixotropic property minimize the tendency of pouring in vertical stratification. Used for moulding with manual application. <u>Applications:</u> - coach work - nautical buidings - sanitary fixtures - industrial components - realization of fiberglass resin hand-made compounds
<b>RESINPOL RI 302</b>	100:2	11 ± 3	18-24	Light blue	500 ± 100	3,8 ± 0,2	85 ± 3	70 ± 5	<b>ISOFTALIC</b> - Good resistance to chemical agents. <u>Applications:</u> - buidings of hulls and articles destined to permanent contact with water - building of surf boards - transparent finish on surf boards. - anticorrosive structural covering of basins, etc... - Realization of bending stress articles such as elastic suspensions, sticks for sails, fairings etc...
<b>VINILESTER 922</b>	100:2	22 ± 3	43± 4	Pink	450 ± 150	6,7 ± 0,2		87 ± 2	<b>VINILESTER</b> - High chemical and mechanical resistance, similar to epoxy resins, and high temperature resistance (more than 110 °C). Applied for manual stratification with mat and fibreglass, carbon and kevlar. Tixotropic property minimize the tendency of pouring in vertical stratification. <u>Applications:</u>

									<ul style="list-style-type: none"><li>- compound sector for the most difficult applications either with fiberglass or carbon and kevlar.</li><li>- production of motorcycle silencers, fairings etc...</li><li>- competition boats</li><li>- anticorrosive structural covering of basins, tanks in chemical and oil industry</li></ul>
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