

RESIMER 400 Series, Orthophtalic base

Good mechanical properties and heat resistance, excellent wetting properties, for general purpose applications.

Reference	Accelerated	Thixotroped	Viscosity / poises	Density (±0,05)	Gel time / min (on 200gr mass, at 20°C, 1% MEKP 50)	Exothermic peak / °C ± 10°C	Tensile strength Mpa	Flexural strength Mpa	Flexural modulus MPa	Elongation at break %	HDT / °C	Comments
Resimer 400			2,5-3,5	1,1	8-11*	160	65	100	4200	1,5	80	Medium reactivity
Resimer 400 HK			5-7	1,1	8-11*	160	65	100	4200	1,5	80	Medium reactivity, for tropical climate.
Resimer 411	●	●	15-25	1,1	35-40	125	65	100	4200	1,5	80	Adapted to warm seasons
Resimer 411 S	●	●	15-20	1,1	25-30 (3% de P MEC)	140	65	100	4200	1,5	80	Lightly accelerated, tropicalized.
Resimer 411 Blanche	●	●	15-25	1,1	35-40	125	65	100	4200	1,5	80	Adapted to warm seasons
Resimer 412	●	●	15-25	1,1	20-30	140	65	100	4200	1,5	80	Winter version
Resimer 412 Blanche	●	●	15-25	1,1	20-30	140	65	100	4200	1,5	80	Winter version


* with addition of 0,5% of cobalt (solution at 6%) in the resin

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RESIMER 500 Series, orthophthalic base, Low Styrene Emission


Low styrene content and low reactivity, for spray up application in high thickness.

Reference	Accelerated	Thixotroped	Viscosity / poises	Density (±0,5)	Gel time / min (sur masse de 200gr, à 20°C, 1% P MEC 50)	Exothermic peak / °C ± 10°C	Tensile strength Mpa	Flexural strength Mpa	Flexural modulus MPa	Elongation at break %	HDT / °C	Comments
Resimer 511 Bleue	•	•	22-27	1,1	65-80	125	65	100	4200	1,5	80	Blue resin with high thix. for good application properties in vertical. Controlled exothermic peak. Low reactivity.
Resimer 512 Bleue	•	•	18-22	1,1	50-70	125	65	100	4200	1,5	80	Blue resin with high thix. for good application properties in vertical. Controlled exothermic peak. High reactivity.

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RESIMER 600 Series, isophthalic base

Good mechanical properties, good resistance to hydrolysis and chemical products. High wetting properties.

Good storage stability.

For laminates requiring high mechanical performance.


Reference	Accelerated	Thixotroped	Viscosity / poises	Density (±0.5)	Gel time / min (on 200gr mass, at 20°C, 1% MEKP 50)	Exothermic peak / °C ± 10°C	Tensile strength Mpa	Tensile modulus MPa	Flexural strength Mpa	Flexural modulus MPa	Elongation at break %	HDT / °C	Comments
Resimer 600			5-7	1,1	8-12*	190	80	3300	130	3400	4	90	Medium reactivity
Resimer 611	●	●	9-11	1,1	35-45	135	80	3300	130	3400	4	90	Medium reactivity, adapted to warm and wet environments
Resimer 611 S	●	●	9-11	1,1	25-30 (3% de P MEC)	135	80	3300	130	3400	4	90	Tropicalised resin, better storage stability
Resimer 612	●	●	9-11	1,1	20-30	110	80	3300	130	3400	4	90	Winter version (high reactivity)

* with addition of 0,5% of cobalt (solution at 6%) in the resin

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RESIMER 800 Series, 100% vinylester base

Excellent mechanical and chemical resistance. Good resistance to corrosion and hydrolysis.


For high performance applications.

Reference	Accelerated	Thixotroped	Viscosity / poises	Density (±0,5)	Gel time / min (sur masse de 200gr, à 20°C, 1% P MEC 50)	Exothermic peak / °C ± 10°C	Tensile strength Mpa	Tensile modulus MPa	Flexural strength Mpa	Flexural modulus MPa	Elongation at break %	HDT / °C	Comments
Resimer 811	•	•	9-11	1,1	35-45	150	72	3600	130	3700	2	135	Low reactivity
Resimer 812	•	•	9-11	1,1	15-25	150	72	3600	130	3700	2	135	High reactivity

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Casting resins

Reference	Viscosity / poises	Density (±0,5)	Thix. index	Gel time / min (on 130gr mass, at 20°C, 2% MEKP 50)	Exothermic peak / °C	Comments
MDC-LP	250-350	0,8	≥ 2,5	15-25	± 70	Low density, good casting properties, low shrink close to 0. Sans charge abrasives.
MDC-17880	180-200	1,13	≥ 3	15-20	± 75	Low shrink, good reproduction of details, no abrasive fillers. Ideal for rotomoulding process.

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