

Resimer[®] Resins

RESIMER 400 ortho basis series

Good mechanical properties and heat resistance, excellent wetting power, for general use.

Reference	Accelerated	Thixotropic	Viscosity/peas	Density (±0.05)	Gel/min (on a 200 gr mass at 20 °C, 1% MEKP 50)	Pic exotherme/ °C ± 10 °C	Tensile strenght Mpa	Bending strenght Mpa	Tensile modulus elasticity MPa	Elongation at rupture %	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 0 7	1,1	8 – 11*	160	65	100	4200	1,5	80	Medium reactivity, suitable for tropical climates.
Resimer 411	✓	✓	15 – 25	1,1	35 – 40	125	65	100	4200	1,5	80	Suitable for use in hot weather.
Resimer 411 S	✓	✓	15 – 20	1,1	25 – 30 (3% de P MEC)	140	65	100	4200	1,5	80	Slightly accelerated, tropicalized.
Resimer 411 Blanche	✓	✓	15 – 25	1,1	35 – 40	125	65	100	4200	1,5	80	Suitable for use in hot weather.
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% cobalt to 6% in the resin.

Resimer[®] Resins

RESIMER 500 LES ortho basis series

Low styrene content and low reactivity, for high-thickness simultaneous spraying.

Reference	Accelerated	Thixotropic	Viscosity/peas	Density (±0.05)	Gel/min (on a 200 gr mass at 20 °C, 1% MEKP 50)	Pic exotherme/ °C ± 10 °C	Tensile strenght Mpa	Bending strenght Mpa	Tensile modulus elasticity MPa	Elongation at rupture %	HDT/°C	Comments
Resimer 511 Bleue	✓	✓	22 – 27	1,1	65 – 80	125	65	100	4200	1,5	80	Good vertical wall performance. Controlled exo peak. Summer version.
Resimer 512 Bleue	✓	✓	18 – 22	1,1	50 – 70	125	65	100	4200	1,5	80	Good vertical wall performance. Controlled exo peak. Winter version.

Resimer[®] Resins

RESIMER 600 iso basis series

Good mechanical properties, good resistance to hydrolysis and chemicals. High wetting power. Good storage stability. For high mechanical performance laminates.

Reference	Accelerated	Thixotropic	Viscosity/peas	Density (±0,05)	Gel/min (on a 200 gr mass at 20 °C, 1% MEKP 50)	Pic exotherme/ °C ± 10 °C	Tensile strenght Mpa	Tensile modulus elasticity MPa	Bending strenght Mpa	Bending modulus elasticity MPa	Elongation at rupture %	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, suitable for hot, humid areas.
Resimer 611 S	✓	✓	9 – 11	1,1	25 – 30 (3% de MEKP)	135	80	3300	130	3400	4	90	Tropicalized resin for improved storage stability.
Resimer 612	✓	✓	9 – 11	1,1	20 – 30	110	80	3300	130	3400	4	90	Winter version.
Resimer 3501 TH	✓	✓	45 – 55	1,1	40 – 60 (1,5% de MEKP50)	80	80	3300	130	3400	4	92	Hybrid resin for enhanced strat recovery. Improved adhesion.

* with addition of 0.5% cobalt to 6% in the resin.

Resimer[®] Resins

RESIMER 800 100% vinylester basis series

Excellent mechanical and chemical resistance. Good resistance to corrosion and hydrolysis. Suitable for high-performance applications.

Reference	Accelerated	Thixotropic	Viscosity/peas	Density (±0.05)	Gel/min (on a 200 gr mass at 20 °C, 1% MEKP 50)	Pic exotherme/ °C ± 10 °C	Tensile strenght Mpa	Tensile modulus elasticity MPa	Bending strenght Mpa	Bending modulus elasticity MPa	Elongation at rupture %	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 compound

Reference	Viscosity/peas	Density ($\pm 0,05$)	Thixo index	Gel/min (on a 130 gr mass at 20 °C, 2% MEKP 50)	Pic exothermique/ °C	Comments
MDC-LP	250 – 350	0,8	$\geq 2,5$	15 – 25	± 70	Low density, good flowability, compensated shrinkage close to 0. No abrasive fillers.
MDC-17880	180 – 200	1,13	≥ 3	15 – 20	± 75	Low shrinkage, good detail reproduction, no abrasive fillers. Ideal for rotational molding.