

USE	RESIN	TYPE	TECHNOLOGY	Preacc.	Thixo.	Viscosity at 25°C ( mPas )	Volatile content (%)	Gel time at 25°C (minutes)	Curing time at 25°C (minutes)	Catalysis at 25°C
Abrasives	R32X1	ortho	Casting			200-250	31-33	10,00-12,30	6,00-8,00	0,15% Co 6% + 1,5% MEKP
Abrasives	R33X1	acrylic	Casting			1000-1200	45-48 (no styrene)	35,00-45,00	25,00-35,00	0,2% Co 6% + 1,5% MEKP
Abrasives	R10X4	ortho	Casting			550-650	35-37	4,00-6,00	4,00-6,00	0,2% Co 6% + 1,5% MEKP
Buttons	R80X0	ortho	Centrifugal Casting	PA		1700-2100	28-32	3,00-5,00	6,00-8,00	0,2% Co 6% + 1,5% MEKP
Corrugated Sheets	R32X0	ortho	Continuous lamination			200-250	38-40	4,00-6,00	6,30-9,00	0,2% Co 6% + 1,5% MEKP
Corrugated Sheets	R34X0	ortho	Continuous lamination			250-300	37-40	4,00-6,00	4,30-7,00	0,2% Co 6% + 1,5% MEKP
Gelcoat	ISO118	iso-npg	Base Resin			700-800	37-39	6,00-8,00	5,00-7,00	0,2% Co 6% + 1,5% MEKP
Gelcoat	R10X0	ortho	Base Resin			600-800	34-37	8,00-10,00	6,00-8,00	0,2% Co 6% + 1,5% MEKP
Gelcoat	ISO110	iso	Base Resin			500-700	39-41	6,00-8,00	6,00-8,00	0,2% Co 6% + 1,5% MEKP
Gelcoat	ISO114	iso	Base Resin			600-800	39-41	7,00-10,00	6,00-8,30	0,3% Co 6% + 1,5% MEKP
General Purpose	T19X9	ortho	Hand lay up - Spray up	PA	T	1200-900/450-300	37-39	15,00-25,00 25,00-35,00	10,00-18,00	1,5% MEKP
General Purpose	T112X9	iso	Hand lay up - Spray up	PA	T	1200-900/450-300	39-42	15,00-25,00 25,00-35,00	10,00-18,00	1,5% MEKP
General Purpose	R58X0	adipic	Flexible resin			700-850	18-22	30,00-40,00	25,00-35,00	0,2% Co 6% + 1,5% MEKP
Household	R34X3-M	ortho	Casting-Solid Surface	PA		600-800	31-35	6,00-8,00	5,00-7,00	1,5% MEKP
Household	R10X9	ortho	Casting	PA		450-600	36-38	5,30-6,30	5,00-7,30	1,5% MEKP
Household	R46X9	ortho	Spray up - MMA surface attack	PA		200-400	34-37	7,30-8,30	8,30-10,30	2% MEKP
Laminates	R16X0	ortho	Continuous lamination - Flat sheets			500-600	36-38	20,00-25,00	6,00-8,00	0,3% Co 6% + 1,5% MEKP
Marine	T19X9	ortho	Hand lay up - Spray up	PA	T	800/350	37-40	10,00-30,00	5,00-7,00	1,5% MEKP
Marine	T112X9	iso	Hand lay up - Spray up	PA	T	800/350	37-40	15,00-25,00	10,00-15,00	1,5% MEKP
Pipes	R35X0	ortho	Filament winding			400-500	34-36	28,00-32,00 54,00-58,00	10,00-20,00	0,2% Co 6% + 1,5% MEKP
Pipes	ISO112	iso	Filament winding			300-500	36-40	28,00-32,00	10,00-20,00	0,2% Co 6% + 1,5% MEKP
Pipes	R10X3	ortho	Centrifugal Casting			400-500	36-39	10,00-13,00	5,00-7,30	0,2% Co 6% + 1,5% MEKP
Polymer concrete	R16X1	ortho	Casting			60-80	49-51	10,30-13,30	6,00-8,30	0,2% Co 6% + 1,5% MEKP
Profiles	ISO112-F	iso	Pultrusion			200-350	36-38	7,00-9,00	5,30-8,00	0,2% Co 6% + 1,5% MEKP
Profiles	R35X5	ortho	Pultrusion			200-600	35-38	8,00-11,00	6,00-8,00	0,2% Co 6% + 1,5% MEKP
Profiles	R33X0	ortho	Pultrusion			600-700	35-38	6,00-8,00	4,00-6,00	0,2% Co 6% + 1,5% MEKP
Putties and Mastics	R50X0	ortho	Base Resin			400-600	35-38	7,00-10,00	6,00-8,00	2% PB 50
RTM	R11X0	ortho	RTM			100-150	42-44	10,00-15,00	6,00-8,30	0,3% Co 6% + 1,5% MEKP
Sandwich Panels	ISO216	iso	Press and vacuum	PA		500-700	36-38	20,00-40,00	10,00-20,00	1% MEKP
Sandwich Panels	R16X3	ortho	Press and vacuum			300-400	35-37	13,00-16,00	6,00-8,30	0,4% Co 6% + 1% MEKP
SMC-BMC	R20X0	ortho	SMC BMC			1100-1500	30-34	7,00-10,00	4,00-6,00	0,2% Co 6% + 1,5% MEKP
SMC-BMC	R90X0	maleic	SMC BMC			1100-1500	30-34	8,00-12,00	4,00-6,00	0,2% Co 6% + 1,5% MEKP
Synthetic marble Blocks	R73X0	ortho	Casting			350-450	37-39	17,00-21,00	7,30-9,30	0,2% Co 6% + 1,5% MEKP
Synthetic marble Blocks	R39X0	ortho	Casting			500-750	35-38	23,00-30,00	7,30-10,00	0,2% Co 6% + 1,5% MEKP
Synthetic marble Slabs	R46X0	ortho	Casting-High temperature moulding			250-350	37-40	4,30-7,00	7,00-9,00	82°C 02% Co 6% + 2% TBPB
Synthetic marble Slabs	R41X0	ortho	Casting-High temperature moulding			250-350	37-40	4,30-7,00	7,00-9,00	82°C 02% Co 6% + 2% TBPB
Tanks Silos	R10X7	ortho	Spray up	PA		370-450	37,5-40	4,00-15,30	5,00-7,30	1,5% MEKP
Tanks Silos	R11X7	ortho	Spray up	PA		370-450	37,5-40	4,00-15,30	5,00-8,00	1,5% MEKP

Peak Temperature ( °C )	NOTES	HDT (°C)	Tensile Strenght (MPA)	Tensile Modulus (MPA)	Elongation at break (%)	Barcol	Tg	Info	Email
190-210	Grinding wheels	80	70	4000	2,3	50	93		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
130-150	Grinding wheels	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-200	Polishing chips	68	70	3900	2,5	45	78		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
160-180	Very good transparency and colour	50	70	3500	5,1	40	60		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
200-215	Very good transparency, UV stabilized	70	65	4200	2,5	48	80		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-200	Good transparency, UV stabilized	70	75	4100	2,8	50	80		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
200-220	High chemical resistant	84	80	3700	3,3	45	95		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
165-180	General purpose	68	70	3900	2,5	48	78		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-205	Good chemical resistance	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
200-220	Good chemical resistance, high HDT	103	75	3900	2,7	48	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
150-170	Medium and high thickness, fast curing	65	70	3500	2,8	45	75		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
200-220	Medium thickness, good chemical resistance and high HDT	103	75	3900	2,7	48	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
43-53	Flexible resin, high elongation	n.d.	10	90	>50	n.d.	n.d.		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
160-180	Resin for sanitary with high trasparency, solid surface	70	75	4100	2,8	50	80		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
180-195	General purpose	68	70	3900	2,5	48	78	Catalysis at 23°C	<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
180-200	PMMA reinforcement	51	70	3500	4,8	42	57		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
175-190	General purpose	62	75	4100	2,7	46	70		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
160-180	Medium thickness	65	70	3500	2,8	45	75		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
170-190	Medium thickness, good chemical resistance, high HDT	103	75	3900	2,7	48	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
165-180	Body resin	82	75	3700	2,5	45	97		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
170-190	Liner resin good mechanical properties	103	75	3900	2,7	48	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-210	General purpose	68	70	3900	2,5	45	78		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-210	Casting, polymer concrete	62	75	4100	2,7	46	70		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-210	Very good chemical resistance	103	75	3900	2,7	48	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-200	General purpose, high HDT	80	70	4500	2,6	47	90		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
210-220	General purpose, very high HDT	95	75	4400	2,4	50	110		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
180-200	Semi-flexible for putties	80	70	4000	2,3	50	93		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-210	General purpose	70	70	4100	2,5	45	80		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
120-150	Good mechanical properties and good chemical resistance	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
150-180	Fast curing	62	75	4100	2,7	46	70		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
210-220	General purpose	80	60	3600	2,3	45	88		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
210-220	Pure maleic, highly reactive	103	50	3800	2	45	112		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
170-190	Resin for blocks, good wettability mostly used with particle size below 15mm	proprietary	proprietary info	proprietary info	proprietary info	proprietary	proprietary info		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
170-210	Resin for blocks, good wettability mostly used with particle size above 80mm	proprietary	proprietary info	proprietary info	proprietary info	proprietary	proprietary info		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
210-230	Resin for slab, Bretonstone approved	proprietary	proprietary info	proprietary info	proprietary info	proprietary	proprietary	BretonStone approved	<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
210-230	Resin for slab	proprietary	proprietary info	proprietary info	proprietary info	proprietary	proprietary info		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-200	Silos	68	70	3900	2,5	45	78		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>
190-200	Silos	70	70	4100	2,5	45	80		<a href="mailto:lboso@poliver.it">lboso@poliver.it</a>