



PA resins ab

Technical laminates

Beside the traditional use of laminates for decorative laminates is the phenolic resin widely used in the engineering industry.

PA RESINS AB has a long experience in development and manufacturing of resins for the laminate industries. The history goes back to 1920 when the first phenolic products were produced and used in engineering applications.





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Laminates

Grade PA...	Viscosity @ 25°C mPas	Solid Content %	B-time @ 150°C s	Solvents	Applications
3009L	75-105	55-59	(flat plate) 25-95	Methanol 40%	Cresol resin for laminates
3209L	95-135	59-63	(flat plate) 170°C 50-70	Methanol 25%	PF for the first impregnation
3250L	100-140	58-62	(flat plate) 170°C 50-90	Methanol 25%	PF for laminates NEMA X and XX
3251L	170-230	62-66	(flat plate) 150-270	Methanol 22%	PF for laminates NEMA X and XX
3529L	(20°C) 900-1700	70-74	(flat plate) 150-270	Methanol 12%	PF for laminates NEMA X and XX

Filter and battery separators

Grade PA...	Viscosity @ 25°C mPas	Solid Content %	Free Formaldehyde %	Free Phenol %	Solvents	Applications
5541P	17-21	49-51	c. 8.5	< 1	Water	PF resin for battery separator
5554P	17-25	48-52	< 2.5	1,3-1,7	Water	PF resin for filter
5243P	(20°C) 250-300	64-67	< 1	< 5	Methanol 17%	PF resin for filters



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Tubes and rods

Grade PA...	Viscosity @ 20°C mPas	Solid Content %	B-time @ 150°C s	Solvents	Applications
3129L	55-65	53-57		Ethanol 33%	Modified PF for tubes
3177L	330-380	63-68		Methanol 23%	Modified PF for tubes
3227P	1000-1300	69-72	(cavity plate) 200-260	Methanol 11%	Modified PF for tubes
3581L	130-180	65-68	140-170	Methanol 25%	Modified PF for tubes
3589L	900-1200	70-75	270-340	Methanol 15%	Flexible modified PF for tubes.