



PA resins ab

Resins for Phenolic Foams

YOUR PARTNER FOR THE FUTURE

PA RESINS AB has more than 80 years of experience in the development and manufacturing of phenolic resins for different applications. Phenolic foams have in general high stability at elevated temperatures and good flame resistance. Foams can be produced in blocks or in a continuous process.



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Resins for foam applications

Floral foam resins

Grade	Viscosity (20°C) mPas	Solids content %	pH	Reactivity °C	Application
PA 5080U	1 900 – 2 500	77 - 81	6,1 – 6,7	115 - 125	Floral foam in formulation with PA 9045X
PA 5805U	3 500 – 4 200	58 - 82	6,1 – 6,7	130 - 140	Floral foam in formulation with PA 9046X

Tenside mixtures

Grade	Viscosity (20°C) mPas	Solids content %	pH	Reactivity °C	Application
PA 9045X	70 - 90	-	7 - 10	-	Floral foam in formulation with PA 5080U
PA 9046X	70 - 90	-	7 - 10	-	Floral foam in formulation with PA 5805U

Mining foam resins

Grade	Viscosity (20°C) mPas	Solids content %	pH	Reactivity °C	Application
PA 5661U	140 – 200	67 - 71	6,5 – 7,0	100 - 115	Suitable for mining foam
PA 5587U	200 - 400	70 - 73	6,8 – 7,3	115 - 125	Suitable for mining foam
PA 5650U	1 000 – 1 400	76 - 79	6,8 – 7,2	140 - 150	Suitable for mining foam Contains basic amounts of emulsifier



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Resins for foam applications

Insulation foam resins

Grade	Viscosity (20°C) mPas	Solids content %	pH	Reactivity °C	Application
PA 5552U	1 900 – 2 400	73 - 77	8,5 – 9,5	100 - 110	For insulation foam without filler
PA 5662U	2 200 – 2 700	74 - 78	8,5 – 9,5	105 - 115	For insulation foam without filler
PA 5696U	1 100 – 1 400	74 - 78	7,0 – 8,0	120 - 130	Suitable for filled insulation foam Contains basic amounts of emulsifier
PA 5645U	2 800 – 3 500	75 - 78	7,0 – 8,0	135 - 145	Suitable for highly filled insulation foam Contains basic amounts of emulsifier