

# AME™ EPOXY VINYL ESTER RESINS

EUROPE - 2019

Resin	Description	Typical liquid resin properties							Typical cured resin properties				
		Viscosity, Brookfield (mPa•s)	Viscosity, Cone&Plate (mPa•s)	Monomer content (%)	Curing system				Tensile Strength (mPa)	Tensile Modulus (mPa)	Tensile Elongation at Break (%)	Flexural Strength (mPa)	HDT (°C)
					Gel Time (min)	Peroxide (%)	Accelerator 1%	Temp °C					
<b>AME™ 5000 T-45</b>	Thixotropic, pre-accelerated modified epoxy vinyl ester resin. Lloyd's Register approved.	1300 <sup>1)</sup>	300	35	45	1.5 <sup>3)</sup>	-	25	57	3400	2.4	101	110
<b>AME™ 6000 T-35</b>	Thixotropic, pre-accelerated epoxy vinyl ester resin. Lloyd's Register approved.	1300 <sup>1)</sup>	300	35	35	1.5 <sup>3)</sup>	-	25	89	3700	4.2	137	124
<b>AME™ 6001 T-50</b>	Thixotropic, pre-accelerated epoxy vinyl ester resin. Lloyd's Register approved.	1300 <sup>1)</sup>	200	39	50	1.5 <sup>3)</sup>	-	25	79	3450	5.2	149	111
<b>AME™ 6001 INF-95</b>	Pre-accelerated epoxy vinyl ester resin for infusion. Lloyd's Register approved.	-	180	39	95	1.5 <sup>4)</sup>	-	25	79	3450	5.2	149	111
<b>AME™ 6001 INF-135</b>	Pre-accelerated epoxy vinyl ester resin for infusion. Lloyd's Register approved.	-	170	39	135	1.5 <sup>4)</sup>	-	20	79	3450	5.2	149	111
<b>Barrier Coat</b>													
<b>AME™ VPRO H/S</b>	Epoxy vinyl ester resin-based barrier coat. Lloyd's Register approved.	10000 <sup>2)</sup>	700/300	35	15/12	2.0 <sup>3)</sup>	-	23	72	3300	6.3	119	100

<sup>1)</sup> 10 rpm | <sup>2)</sup> sp 4 / 10 rpm | <sup>3)</sup> MEKP-50 | <sup>4)</sup> MCP-75

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