

			Hylar® 301F
Physical Properties	Test Method		
Density @ 23°C	ASTM D792	g/cm ³ (lb/ft ³)	1.76 (110)
Water absorption	ASTM D570	%	0.02
Melt viscosity @ 232°C, 100 s ⁻¹	ASTM D3835	Pa.s (kP)	3,000 (30)
Dispersion coating properties			
Hegman Grind (Dispersion)	ASTM D1210		5.5 B
Gloss, 60°	ASTM 523		25
Thermal Properties			
DSC	ASTM D3418		
Melting point		°C (°F)	160 (320)
Heat of fusion		J/g (BTU/lb)	40 (17)
Crystallizing point		°C (°F)	124 (255)
Crystallization heat		J/g (BTU/lb)	44 (19)
Specific heat @ 23°C		J/g-K (BTU/lb-°F)	1.3 (0.32)
Thermal Events			
Thermal stability, 1 % mass loss, Air	TGA	°C (°F)	375 (707)
Thermal stability, 1 % mass loss, N ₂	TGA	°C (°F)	410 (770)