

Properties			Hylar® 5000
Melting point, min.	ASTM D3418	°C	156–160
Specific gravity (@ 23/23°C)	ASTM D792		1.75–1.76
Melt viscosity 232 °C/450 °F @ 100 sec ⁻¹	ASTM D3835	poise	29,000–33,000
General appearance			White, free flowing powder, free from foreign matter
Odor			None
Water absorption	ASTM D570	%	0.04
Moisture	Karl Fischer		0.5 % max., non-hygroscopic
Purity			99.5 % min., polyvinylidene fluoride
Thermal decomposition 1% Wt. Loss in Air	TGA	°C (°F)	382–393 (720–740)
Hegman Grind (Dispersion)	ASTM D1210		5.5B
Gloss 60°	ASTM D523	min	25