

Vydyne® 63A

Polyamide 66

Ascend Performance Materials Operations LLC

Message:

Vydyne 63A is a medium-viscosity resin used for injection-molding and extrusion-compounding. It is desirable to include this neat resin in a formulation in which the melt strength of the final product is critical for the application. Vydyne 63A exhibits good initial color and it has a moisture level below 0.1%. This product offers high strength, rigidity and toughness over a broad range of demanding applications. Resistance of Vydyne 63A to heat, oil and wear is typical of PA66 neat resins.

General Information			
Features	Solvent resistance		
	Good color stability		
	Good chemical resistance		
	Gasoline resistance		
	Oil resistance		
	General		
Uses	Composite		
	General		
Agency Ratings	ASTM D 4066 PA0111		
	ASTM D 6779 PA0111		
	EC 1935/2004		
	EU 2023/2006		
	FDA 21 CFR 177.1500		
	Europe 10/1/2011 12:00:00 AM		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Composite		
	Compound extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Viscosity Number (H2SO4 (Sulphuric Acid))	183 - 200	cm ³ /g	ISO 307
Moisture Content	0.10	%	ASTM D6869
Volume density	674	g/l	ASTM D1895
Relative Viscosity ¹	75.0 - 90.0		ASTM D789
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	260	°C	ISO 11357-3

Optical	Nominal Value	Unit	Test Method
Yellowness Index	2.0	YI	ASTM D1925
NOTE			
1.	Formic acid		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

