

# Vydyne® 21FSR

Polyamide 66

Ascend Performance Materials Operations LLC

## Message:

Vydyne 21FSR is a higher-viscosity, general-purpose PA66 resin. It is available in natural and designed for extrusion-compounding applications. This resin offers a well balanced combination of engineering properties characterized by high strength, rigidity, good toughness, high melt point, good surface lubricity and abrasion resistance.

Vydyne 21FSR maintains the chemical resistance typical of PA66 to many chemicals, machine and motor oils, solvents and gasoline.

Typical Applications/End Uses:

Compounding

General Information	
Features	Low viscosity
	Rigidity, high
	High strength
	Solvent resistance
	Good wear resistance
	Good chemical resistance
	Gasoline resistance
	Oil resistance
	Good toughness
	General
Uses	Composite
	General
Agency Ratings	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 <sup>3</sup>	ISO 1183
Viscosity Number (H2SO4 (Sulphuric Acid))	143 - 153	cm <sup>3</sup> /g	ISO 307
Moisture Content	0.50	%	ASTM D6869
Volume density	674	g/l	ASTM D1895


Relative Viscosity <sup>1</sup>	48.0 - 54.0		ASTM D789
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	260	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Yellowness Index	4.0	YI	ASTM D1925
NOTE			
1.	Formic acid		

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Recommended distributors for this material

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