

# Vydyne® 52BWMS

Polyamide 66

Ascend Performance Materials Operations LLC

## Message:

Vydyne 52BWMS is a medium-viscosity resin used for extrusion-compounding. It is the product of choice for low-yellowness-required applications. This product with its higher viscosity is a part of the 50BW/50BWFS series. It provides melt stability during the compounding step to maintain its flow. Resistance of Vydyne 52BWMS to heat, oil and wear is typical of PA66 neat resins.

General Information			
Features	Gasoline Resistance		
	General Purpose		
	Good Chemical Resistance		
	Good Color Stability		
	Oil Resistant		
	Solvent Resistant		
Uses	Compounding		
	General Purpose		
Agency Ratings	ASTM D 4066 PA0111		
	ASTM D 6779 PA0111		
	EC 1935/2004		
	EU 10/2011		
	EU 2023/2006		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Compounding		
	Compounding Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm <sup>3</sup>	ISO 1183
Viscosity Number (H2SO4 (Sulphuric Acid))	146 to 153	cm <sup>3</sup> /g	ISO 307
Bulk Density	674	g/l	ASTM D1895
Moisture Content	0.35	%	ASTM D6869
Relative Viscosity <sup>1</sup>	50.0 to 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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### 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

