

VITAMIDE® BP27WT6277

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BP27WT6277 is a Polyamide 6 (Nylon 6) product filled with 20% glass bead and 15% glass fiber. It is available in Europe.
Characteristics include:
Flame Rated
UV Stabilized

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
	Glass Fiber,15% Filler by Weight		
Additive	UV Stabilizer		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.0	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	110	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	5200	MPa	ASTM D790, ISO 178
Flexural Stress			
--	100	MPa	ISO 178
Break	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	60	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	150	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	220	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257, IEC 60093
Comparative Tracking Index (Solution A)	550	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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.

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

