

Ultramid® B27 SD 02

Polyamide 6

BASF Corporation

Message:

Ultramid® B27 SD 02 is a polyamide 6 for the production of semi dull textile and carpet fibers.

General Information			
Additive	Titanium Dioxide (TiO ₂) (3000 ppm) UV Stabilizer		
Features	Oil Resistant		
Uses	Fibers		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.12 to 1.15	g/cm ³	ISO 1183
Apparent Density	0.67	g/cm ³	ISO 60
Viscosity Number (96% H ₂ SO ₄ (Sulphuric Acid))	146 to 151	cm ³ /g	ISO 307
Extractables ¹	< 0.6	%	ISO 6427
Moisture Content	< 0.060	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid ²	2.67 to 2.73		ISO 307
Amino End Groups	35 to 39	meq/kg	Internal Method
Color Number - APHA	< 5.00		Internal Method
Pellet Shape	Cylindrical		
Pellet Size	2.00 to 2.50	mm	
Specific Chip Number	80	count/g	
Titanium Dioxide	0.28 to 0.32	%	ISO 3451-4
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146
NOTE			
1.	chips not ground, 16 hr		
2.	calculated by Huggins method		

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

