

## BASF Ultramid® B27 SD 02 PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

Description: Ultramid® B27 SD 02 is a polyamide 6 for the production of semi dull textile and carpet fibers. Product comes in 2-2.5 mm cylindrical pellets. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-B27-SD-02-PA6.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-B27-SD-02-PA6.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.640 - 0.740 g/cc	0.0231 - 0.0267 lb/in <sup>3</sup>	
Density	1.12 - 1.15 g/cc	0.0405 - 0.0415 lb/in <sup>3</sup>	ISO 1183
Viscosity Measurement	2.67 - 2.73	2.67 - 2.73	(RV) 1% [m/v] in 96% [m/m] sulfuric acid; ISO 307
	146 - 151	146 - 151	(RV) 0.5% [m/v] in 96% [m/m] sulfuric acid; ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146
Decomposition Temperature	>= 300 °C	>= 572 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.060 %	<= 0.060 %	ISO 15512

Descriptive Properties	Value	Comments
Amino end-groups	35-39 meq/kg	BASF
Commercial Status	Europe	
Extractables	<0.6 %	ISO 6427
Ignition Temperature	>400°C	ASTM D1929
Titanium Dioxide Pigment Content	0.28 - 0.32	ISO 3451-4

## Contact Songhan Plastic Technology Co.,Ltd.

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