

Ultramid® B 27 03

Polyamide 6

BASF Corporation

Product Description

Ultramid® B27 03 is a polyamide 6 for the production of bright textile and carpet fibers.

General

Material Status	• Commercial: Active
Availability	• Europe
Features	• Oil Resistant
Uses	• Fibers
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Fiber (Spinning) Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Apparent Density	0.63	g/cm ³	ISO 60
Viscosity Number (H ₂ SO ₄ (Sulphuric Acid))	146 to 151	cm ³ /g	ISO 307

Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146

Additional Information

Amino End-groups, BASF Method: 35 to 39 meq/kg
Color Number, BASF Method: max. 5 APHA
Density, ISO 1183: 1.12 to 1.15 g/cm³
Extractables, ISO 6427, chips not ground/16h: 0.6%
Moisture Content, ISO 15512: 0.06%
Pellet Shape: Cylindrical
Pellet Size: 2 to 2.5 mm
Specific Chip Number: approx. 80/g
Relative Viscosity, 1% (m/v) in 96% (m/m) sulfuric acid, ISO 307: 2.67 to 2.73

Notes

¹ Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

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