

Ultramid® B 24 NSD 05

Polyamide 6

BASF Corporation

Product Description

Ultramid® B24 NSD 05 is a light- and heat stabilized polyamide 6 for the production of semi dull textile fibers. The polymer is especially suitable for high speed spinning.

General

Material Status	• Commercial: Active
Availability	• Europe
Additive	• Heat Stabilizer (0.30%) • Titanium Dioxide (TiO ₂) • UV Stabilizer
Features	• Heat Stabilized • 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))	124 to 129	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: 41 to 45 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
Titanium Dioxide Pigment Content, ISO 3451-4: 0.28 to 0.32%
Relative Viscosity, 1% (m/v) in 96% (m/m) sulfuric acid, ISO 307: 2.4 to 2.46

Notes

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

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如需要更多物性资料请查阅 www.kedisujiao.com

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