

Ultramid® B24 NSD 05

Polyamide 6

BASF Corporation

Message:

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 Information			
Additive	Titanium dioxide (TiO ₂)		
	Heat stabilizer (3000 ppm)		
	UV stabilizer		
Features	Oil resistance		
	Thermal Stability		
Uses	Fiber		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
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 - 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/kgColor Number, BASF Method: max. 5 APHADensity, ISO 1183: 1.12 to 1.15 g/cm³Extractables, ISO 6427, chips not ground/16h: 0.6%Moisture Content, ISO 15512: 0.06%Pellet Shape: CylindricalPellet Size: 2 to 2.5 mmSpecific Chip Number: approx. 80/gTitanium 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

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