

# Ultramid® B 36 01

## Polyamide 6

### BASF Corporation

#### Product Description

Ultramid B36 01 is an intermediate viscosity, PA6 grade. It conforms to FDA requirements including, 21 CFR 177.1500, EU Directive 2002/72/EC, the German BfR recommendation "X Polyamide", 1.6.1998 or legislations for other countries will be provided on request.

#### General

Material Status	• Commercial: Active
Availability	• Europe • North America
Features	• Medium Viscosity • Oil Resistant
Uses	• Cast Film • Monofilaments • Film • Multilayer Film
Agency Ratings	• FDA 21 CFR 177.1500
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183
Apparent Density	0.70	g/cm <sup>3</sup>	ISO 60
Water Absorption			ISO 62 <sup>2</sup>
Saturation	9.5	%	
Equilibrium	2.6	%	
Viscosity Number (96% H <sub>2</sub> SO <sub>4</sub> )	218	cm <sup>3</sup> /g	ISO 307

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

Additional Information	Nominal Value	Unit	Test Method
Moisture Content	< 0.10	%	ISO 15512
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	
Relative Viscosity (1% in 96% Sulfuric Acid)	3.60		ISO 307

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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