

# Ultramid® B40 01

Polyamide 6

BASF Corporation

## Message:

Ultramid B40 01 is a high 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.

## Applications

Typical applications include production of blown and cast film monofilaments.

General Information			
Features	Food Contact Acceptable		
	High Viscosity		
	Oil Resistant		
Uses	Cast Film		
	Film		
	Monofilaments		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EC 1907/2006 (REACH)		
	EU 2002/72/EC		
	FDA 21 CFR 177.1500		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	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>	
Water Absorption			ISO 62
Saturation, 23°C	9.5	%	
Equilibrium, 23°C, 50% RH	2.6	%	
Viscosity Number (96% H <sub>2</sub> SO <sub>4</sub> (Sulphuric Acid))	250	cm <sup>3</sup> /g	ISO 307
Moisture Content	< 0.10	%	ISO 15512
Relative Viscosity - 1% in 96% Sulfuric Acid	4.00		ISO 307
Pellet Shape	cylindrical		
Pellet Size	2.00 to 2.50	mm	

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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

