

Ultramid® B50L 01

Polyamide 6



Product Description

Ultramid B50L 01 is a high-viscosity, lubricated, general-purpose extrusion 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 semi-finished products, tubes, profiles, blown film, sheets and for blow molding.

ISO DATA	ISO Test Method	Property Value
Tensile Modulus, MPa(psi) 23C (73F)	527	3,000 (435,000)
Tensile Strength, Yield, MPa(psi) 23C (73F)	527	90 (13,100)
Elongation, Yield, % 23C (73F)	527	4.5
Melting Point, C	3146	220
Heat Deflection @ 264 psi (1.8 MPa) C(F)	75	65 (149)
Density	1183	1.13
Moisture, %	62	
(50% RH)		2.6
(Saturation)		9.5
PELLET PROPERTIES	ISO Test Method	Property Value
Viscosity Number (0.5% in 96% Sulfuric Acid), cm/g	307	320
Relative Viscosity (1% in 96% Sulfuric Acid)	307	5
Bulk Density, Kg/m		700
Pellet Shape		cylindrical
Pellet Size, mm		2 to 2.5
Moisture Content, %	15512	<0.06

Note

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