

BASF Ultramid® 8350 HS BK-102 PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Impact Grade

Material Notes:

Ultramid 8350 HS BK-102 is a type 6, black pigmented, impact modified graft copolymer developed for extrusion, tubing, and jacketing applications requiring a high level of toughness combined with a moderate level of flexibility.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-8350-HS-BK-102-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	dry; ISO 1183
Water Absorption	1.1 %	1.1 %	24 hour; ISO Test
	6.7 %	6.7 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	1.9 %	1.9 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	50mm/min; ISO 527
	32.0 MPa	4640 psi	2 in/min; ASTM Test
Elongation at Break	>= 50 %	>= 50 %	50mm/min, Nominal strain; ISO 527
	>= 100 %	>= 100 %	2 in/min; ASTM Test
Elongation at Yield	9.0 %	9.0 %	50mm/min; ISO 527
	9.0 %	9.0 %	2 in/min; ASTM Test
Tensile Modulus	0.675 GPa	97.9 ksi	1mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10 K/min
	220 °C	428 °F	ASTM Test

Processing Properties	Metric	English	Comments
Melt Temperature	280 °C	536 °F	Injection molding
Mold Temperature	70.0 °C	158 °F	Injection molding

Descriptive Properties	Value	Comments
Color	BK-102	
Commercial Status	Active America	
Form	Pellets	
Impact Modified	Yes	
Primary Processing Technique	Extrusion	
Processing	Injection Molding	
	Other Extrusion	
	Profile extrusion	
Special characteristic	Heat stabilized or stable to heat	
UL.UL-C	Yes	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China