

BASF Ultramid® 8333G HI HS BK 106 33% Glass Filled PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Description Ultramid 8333G HI HS BK-102 is a 33% glass reinforced, impact modified PA6 injection molding compound pigmented black developed for applications requiring improved dry as molded toughness in combination with a balance of strength, stiffness and excellent moldability/surface aesthetics. Applications: front wheel chair wheels, bicycle wheels, power tool housings, chain saw housings, clips and fasteners, hose clamps and window hardware. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-8333G-HI-HS-BK-106-33-Glass-Filled-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Moisture Absorption at Equilibrium	0.90 %	0.90 %	24 hour; ASTM D570
	1.5 %	1.5 %	50% RH; ASTM D570
	5.5 %	5.5 %	Saturation; ASTM D570
Linear Mold Shrinkage	0.00762 cm/cm	0.00762 in/in	1/8" bar

Processing Properties	Metric	English	Comments
Zone 1	245 - 275 °C	473 - 527 °F	Rear Zone
Zone 2	260 - 285 °C	500 - 545 °F	Center Zone
Zone 3	270 - 295 °C	518 - 563 °F	Front Zone
Zone 4	270 - 295 °C	518 - 563 °F	Nozzle
Melt Temperature	270 - 295 °C	518 - 563 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	<= 0.080 %	<= 0.080 %	

Descriptive Properties	Value	Comments
Color	BK 106	
Commercial Status	North America	

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