

## BASF Ultramid® 8351 HS BK 106 PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

### Material Notes:

Description: Ultramid 8351 HS BK-106 is a heat stabilized, pigmented black, impact modified type 6 nylon graft copolymer developed for injection molding applications requiring a high level of toughness combined with a moderate flexibility and faster cycles. Excellent thermal and chemical resistance properties provided by the nylon backbone. It demonstrates the highest impact performance within the Ultramid copolymer product line while maintaining an excellent balance of strength and stiffness. Excellent chemical resistance to greases, oils and hydrocarbons. Applications: Storage bins, spray gun and power tool handles, trim clips and fasteners, wall anchors and automotive roof clips rack components. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8351-HS-BK-106-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8351-HS-BK-106-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	ASTM D792
Moisture Absorption at Equilibrium	1.1 %	1.1 %	24 Hours; ASTM D570
	1.9 %	1.9 %	50% RH; ASTM D570
	6.7 %	6.7 %	Saturation; ASTM D570
Linear Mold Shrinkage	0.03556 cm/cm	0.03556 in/in	1/8" bar

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 270 °C	464 - 518 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Color	BK 106	
Commercial Status	North America	

## Contact Songhan Plastic Technology Co.,Ltd.

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