

## BASF Ultramid® 8255 HS PA6 (Conditioned)

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

### Material Notes:

Ultramid 8255 HS is a heat stabilized, impact modified type 6 nylon graft copolymer developed for both injection molding and extrusion applications. It exhibits varying levels of toughness and flexibility combined with excellent thermal and chemical resistance properties provided by the nylon backbone. It maintains its inherent chemical resistance to greases, oils and hydrocarbons.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8255-HS-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8255-HS-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in <sup>3</sup>	dry; ISO 1183
Water Absorption	1.2 %	1.2 %	24 hour; ISO Test
	7.1 %	7.1 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	2.0 %	2.0 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM Data; MD

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

Descriptive Properties	Value	Comments
Color	Natural	
Commercial Status	Active America	
Form	Pellets	
Impact Modified	Yes	
Primary Processing Technique	Injection Molding	
Processing	Injection Molding	
Special characteristic	Heat stabilized or stable to heat	

## Contact Songhan Plastic Technology Co.,Ltd.

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