

## BASF Ultramid® 8260 HS PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Mineral Filled

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8260-HS-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8260-HS-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.291 g/cc	0.04664 lb/in <sup>3</sup>	Melt; ISO 1183
	1.49 g/cc	0.0538 lb/in <sup>3</sup>	dry; ISO 1183
Water Absorption	5.7 %	5.7 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	1.6 %	1.6 %	beginning dry (23°C/50% R.H.); ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.0 MPa	8700 psi	5mm/min; ISO 527
Elongation at Break	30 %	30 %	5mm/min; ISO 527
Tensile Modulus	2.39 GPa	347 ksi	1mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.999 J/g-°C	0.4778 BTU/lb-°F	Melt
Thermal Conductivity	0.281 W/m-K	1.95 BTU-in/hr-ft <sup>2</sup> -°F	Melt
Melting Point	220 °C	428 °F	10 K/min

Processing Properties	Metric	English	Comments
Melt Temperature	275 °C	527 °F	Injection molding
Mold Temperature	95.0 °C	203 °F	Injection molding

Descriptive Properties	Value	Comments
Form	Pellets	
Processing	Injection Molding	
Special characteristic	Heat stabilized or stable to heat	

X

## **Contact Songhan Plastic Technology Co.,Ltd.**

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