

## BASF Ultramid® SEGM35 H1 BK 6259 40% Glass/Mineral Filled PA6 (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass/Mineral Reinforced

### Material Notes:

Description: Ultramid SEGM35 H1 BK6259 is a 40% glass/mineral reinforced injection molding grade. It offers enhanced surface appearance, it also exhibits similar UV weathering characteristics compared to 8267G HS BK-106. In parts containing cross sections, significant pressure drops are encountered during filling. Applications: Mirror housings, rear liftgate handles and luggage rack components. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-SEGM35-H1-BK-6259-40-GlassMineral-Filled-PA6-Dry.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-SEGM35-H1-BK-6259-40-GlassMineral-Filled-PA6-Dry.php)

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	0.90 %	0.90 %	24 Hours; ISO 62
	1.6 %	1.6 %	50% RH; ISO 62
	5.7 %	5.7 %	Saturation; ISO 62
Melt Flow	39.42 g/10 min	39.42 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	ISO 527
Flexural Modulus	4.80 GPa	696 ksi	ISO 178
Izod Impact, Notched (ISO)	2.40 kJ/m <sup>2</sup>	1.14 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	144 °C	291 °F	ISO 75

Processing Properties	Metric	English	Comments
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	<= 0.10 %	<= 0.10 %	

Descriptive Properties	Value	Comments
Color	BK 6259	
Commercial Status	North America	

## Contact Songhan Plastic Technology Co.,Ltd.

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