

## BASF Ultramid® 8232G HS FR 25% Glass Fiber Fire Retardant PA6 (Conditioned)

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

### Material Notes:

Description: Ultramid 8232G HS FR is a 25% glass fiber reinforced, heat stabilized, flame retardant PA6 injection molding compound exhibiting excellent melt stability characteristics. It combines flame retardant ability with an excellent balance of high strength, stiffness and heat distortion temperature. Applications: connectors, terminal blocks, switches and receptacles, coil bobbins, and appliance housing  
Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-8232G-HS-FR-25-Glass-Fiber-Fire-Retardant-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-8232G-HS-FR-25-Glass-Fiber-Fire-Retardant-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.62 g/cc	0.0585 lb/in <sup>3</sup>	ASTM D792
Moisture Absorption at Equilibrium	0.90 %	0.90 %	24 hour; ASTM D570
	1.1 %	1.1 %	50% RH; ASTM D570
	4.0 %	4.0 %	Saturation; ASTM D570
Linear Mold Shrinkage	0.00762 cm/cm	0.00762 in/in	1/8" bar

Thermal Properties	Metric	English	Comments
UL RTI, Electrical	130 °C	266 °F	746B
	@Thickness 2.50 mm	@Thickness 0.0984 in	
UL RTI, Mechanical with Impact	115 °C	239 °F	746B
	@Thickness 2.50 mm	@Thickness 0.0984 in	
UL RTI, Mechanical without Impact	115 °C	239 °F	746B
	@Thickness 2.50 mm	@Thickness 0.0984 in	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 290 °C	482 - 554 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	<= 0.15 %	<= 0.15 %	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Color Descriptive Properties	White to gray Value	Comments
Commercial Status	North America	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China