

**BASF Ultramid® TG3S BK 5966 15% Glass Filled PA6 (Conditioned)**

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

**Material Notes:**

Description: Ultramid TG7S Bk-102 is a 34% glass reinforced, pigmented black, heat stabilized, impact modified PA6 injection molding grade. It was developed to meet the demanding requirements of the first North American seat cushion pan/frame to be made of an engineering plastic as opposed to metal. TG7S BK-102 exhibits improved strength, stiffness and notched impact properties over Ultramid 8333G HI. Applications: Include cushion seat pan/frame and other automotive seating applications, automotive fan, power tools and trimmer components. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultramid-TG3S-BK-5966-15-Glass-Filled-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_BASF-Ultramid-TG3S-BK-5966-15-Glass-Filled-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	ISO 1183

Processing Properties	Metric	English	Comments
Zone 1	245 - 275 °C	473 - 527 °F	Rear Zone
Zone 2	260 - 285 °C	500 - 545 °F	Center Zone
Zone 3	270 - 295 °C	518 - 563 °F	Front Zone
Zone 4	270 - 295 °C	518 - 563 °F	Nozzle
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	<= 0.080 %	<= 0.080 %	

Descriptive Properties	Value	Comments
Color	BK 5966	
Commercial Status	North America	

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