

BASF Ultramid® 8234G HS BK 102 44% Glass Filled PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Glass Fiber Filled

Material Notes:

Description Ultramid 8234G HS BK-102 is heat stabilized, pigmented black, 44% glass reinforced PA6 injection molding compound offering the highest level of strength, stiffness, high temperature performance and dimensional stability. Its resistance to creep under load is excellent. It maintains its inherent chemical resistance to greases, oils and hydrocarbons. It is available in natural and black versions. Pigmented and weatherable versions may be offered on a case by case basis. Applications: consumer power tool housings, cattle ear taggers, luggage frames, fans and pressure regulator housings. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-8234G-HS-BK-102-44-Glass-Filled-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	0.90 %	0.90 %	24 hour; ISO 62
	1.5 %	1.5 %	50% RH; ISO 62
	5.2 %	5.2 %	Saturation; ISO 62

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 305 °C	536 - 581 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	<= 0.060 %	<= 0.060 %	

Descriptive Properties	Value	Comments
Color	BK 102	
Commercial Status	North America	

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