

Ultramid® B35G3 BK00564 **Polyamide 6**

Product Description

Ultramid B35G3 BK00564 is a 15% glass reinforced, injection molding PA6 grade.

Applications

Typical applications include internal gas pressure applications such as flashing direction switch gears, automobile mirror housings and wheels of mountain bikes.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.24	
Moisture, %	62		
(50% RH)		2.6	
(Saturation)		8	
RHEOLOGICAL	ISO Test Method	Dry	Conditioned
Melt Volume Rate (275 C/5 Kg), cc/10min.	1133	45	-
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		6,100	3,200
Tensile stress at break, MPa	527		
-40C		156	-
23C		126	67
Tensile strain at break, %	527		
23C		2.9	13.2
Flexural Strength, MPa	178		
23C		189	90
Ball Indentation, MPa	2039-1	181	-
IMPACT	ISO Test Method	Dry	Conditioned
Charpy Notched, kJ/m ²	179		
23C		5.9	15
Charpy Unnotched, kJ/m ²	179		
23C		47	107
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	187	-
HDT B, C	75	214	-
ELECTRICAL	ISO Test Method	Dry	Conditioned
Comparative Tracking Index	IEC 60112	500	-

Note



Note

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