

Ultramid® B3EG7 BK00564

Polyamide 6

Product Description

Ultramid B3EG7 BK00564 is a 35% glass fiber reinforced injection molding PA6 grade.

Applications

Typical applications include industrial articles and electrical insulating parts.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.41	
Moisture, %	62		
(50% RH)		2	
(Saturation)		6.2	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		11,000	7,200
Tensile stress at break, MPa	527		
23C		200	130
Tensile strain at break, %	527		
23C		3.5	7
Flexural Modulus, MPa	178		
23C		10,000	6,300
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		19	27
Charpy Notched, kJ/m ²	179		
23C		18	33
Charpy Unnotched, kJ/m ²	179		
23C		100	110
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	215	-
HDT B, C	75	220	-

