

Ultramid® B3EG6 BK00564

Polyamide 6

Product Description

Ultramid B3EG6 BK00564 is a 30% glass fiber reinforced, pigmented black injection molding PA6 grade.

Applications

Typical applications include industrial articles and electrical insulating parts.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.36	
Moisture, %	62		
(50% RH)		2.1	
(Saturation)		6	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		9,500	6,000
Tensile stress at break, MPa	527		
23C		180	105
Tensile strain at break, %	527		
23C		3	6
Flexural Modulus, MPa	178		
23C		8,600	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		10	-
Charpy Notched, kJ/m ²	179		
23C		10	20
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	210	-
HDT B, C	75	220	-

