

Ultramid® B3ZG3 BK30564

Polyamide 6

Product Description

Ultramid B3ZG3 BK30564 is an impact-modified, pigmented black, 15% glass fiber reinforced injection molding PA6 grade.

Applications

Typical applications include automobile cable conduits.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.22	
Moisture, %	62		
(50% RH)		2.4	
(Saturation)		7.5	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		5,300	-
Tensile stress at break, MPa	527		
23C		100	-
Tensile strain at break, %	527		
23C		3.8	-
Flexural Strength, MPa	178		
23C		150	-
Flexural Modulus, MPa	178		
23C		4,500	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		12	-
Charpy Notched, kJ/m ²	179		
23C		12	-
-30C		4	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	190	-

