

Ultramid® B3ZG8 BK20560

Polyamide 6



Product Description

Ultramid B3ZG8 BK20560 is an impact-modified, pigmented black and 40% glass fiber reinforced injection molding PA6 grade having very high impact strength and rigidity.

Applications

Typical applications include airbag housings and half-shells for suitcases.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.42	
Moisture, %	62		
(50% RH)		1.6	
(Saturation)		5	
RHEOLOGICAL	ISO Test Method	Dry	Conditioned
Melt Volume Rate (235 C/5 Kg), cc/10min.	1133	4	-
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		11,600	6,700
Tensile stress at break, MPa	527		
23C		160	115
Tensile strain at break, %	527		
23C		4	9
Flexural Modulus, MPa	178		
23C		9,500	6,100
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		22	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	205	-
HDT B, C	75	220	-

