

Ultramid® B3GM35 BK60564

Polyamide 6

Product Description

Ultramid B3GM35 BK60564 is a 40% combined glass-fiber and mineral reinforced, pigmented black injection molding PA6 grade.

Applications

Typical applications include industrial articles requiring medium rigidity and high dimensional stability.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.48	
Moisture, %	62		
(50% RH)		1.7	
(Saturation)		5.7	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		8,300	-
Tensile stress at break, MPa	527		
23C		128	-
Tensile strain at break, %	527		
23C		3.0	-
Flexural Modulus, MPa	178		
23C		7,550	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		5.4	-
-40C		3.9	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-

