

# Ultramid® B3M6 BK60564

## Polyamide 6



### Product Description

ultramid B3M6 BK60564 is a 30% mineral reinforced, pigmented black injection molding PA6 grade for industrial items requiring high impact strength and very high dimensional stability, excellent laser markability.

### Applications

Typical applications include industrial items.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.36	
Moisture, %	62		
(50% RH)		2.4	
(Saturation)		6.2	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		3,700	-
Tensile stress at break, MPa	527		
23C		85	-
Tensile strain at break, %	527		
23C		4.9	-
Flexural Modulus, MPa	178		
23C		3,270	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m <sup>2</sup>	180		
23C		5.5	-
-40C		4	-
Charpy Notched, kJ/m <sup>2</sup>	179		
23C		5.6	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	70	-
HDT B, C	75	160	-
ELECTRICAL	ISO Test Method	Dry	Conditioned
Volume Resistivity	IEC 60093	>1E13	-

### Note

## Note

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