

Ultramid® 1403-2 BK ND3007

Polyamide 66



Product Description

Ultramid 1403-2 BK ND3007 is a 13% glass reinforced, pigmented black, heat stabilized injection molding PA6/6.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.23	
Moisture, %	62		
(50% RH)		2.2	
(Saturation)		7.4	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		6,000	3,900
Tensile stress at break, MPa	527		
23C		125	90
Tensile strain at break, %	527		
23C		3	13
Flexural Modulus, MPa	178		
23C		5,800	3,000
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		5.2	6
Charpy Notched, kJ/m ²	179		
23C		5.5	7
-30C		4.5	6
Charpy Unnotched, kJ/m ²	179		
23C		55	65
-30C		45	45
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	260	-
HDT A, C	75	245	-
HDT B, C	75	262	-

Note

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