

Ultradur® B 4300 G3 BK05110

Polybutylene Terephthalate (PBT)

PHYSICAL	ISO Test Method	Property Value
Density, g/cm ³	1183	1.42
Viscosity Number, cm ³ /g	1628	113
Moisture, %	62	
(24 Hour)		0.2
(50% RH)		0.2
(Saturation)		0.4
RHEOLOGICAL	ISO Test Method	Property Value
Melt Volume Rate (250 °C/2.16 Kg), cc/10min.	1133	22
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23 °C		5,700
Tensile stress at break, MPa	527	
23 °C		93
Tensile strain at break, %	527	
23 °C		3.8
Flexural Modulus, MPa	178	
23 °C		5,200
IMPACT	ISO Test Method	Property Value
Izod Notched Impact, kJ/m²	180	
23 °C		5.5
Charpy Notched, kJ/m²	179	

23°C		4
THERMAL	ISO Test Method	Property Value
Melting Point, °C	3146	223
HDT A, °C	75	190

Note

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BASF Corporation

Engineering Plastics
1609 Biddle Avenue
Wyandotte, MI 48192



General Information

800-BC-RESIN

Technical Assistance

800-527-TECH (734-324-5150)

Web address

<http://www.plasticsportal.com/usa>