

# **Ultradur® B 4300 G3 BK05110** **Polybutylene Terephthalate (PBT)**

PHYSICAL	ISO Test Method	Property Value
Density, g/cm <sup>3</sup>	1183	1.42
Viscosity Number, cm <sup>3</sup> /g	1628	113
<b>Moisture, %</b>	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
<b>Tensile Modulus, MPa</b>	527	
23 °C		5,700
<b>Tensile stress at break, MPa</b>	527	
23 °C		93
<b>Tensile strain at break, %</b>	527	
23 °C		3.8
<b>Flexural Modulus, MPa</b>	178	
23 °C		5,200
IMPACT	ISO Test Method	Property Value
<b>Izod Notched Impact, kJ/m<sup>2</sup></b>	180	
23 °C		5.5
<b>Charpy Notched, kJ/m<sup>2</sup></b>	179	

23°C

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

## Note

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