

Ultradur® B 4300 G6 LS High Speed BK15045

PBT (Polybutylene Terephthalate)



Product Description

Ultradur B 4300 G6 LS High Speed BK15045 is a high flow, fast cycling with low warpage, 30% glass filled, pigmented black, injection molding PBT for industrial parts, rigid tough and dimensional stable applications.

Applications

Typical applications include windshield wiper arms, printed circuit boards, housing, consoles, contact carriers, covers.

PHYSICAL	ISO Test Method	Property Value
Density, g/cm	1183	1.54
Viscosity Number, cm/g	1628	89
RHEOLOGICAL	ISO Test Method	Property Value
Melt Volume Rate (250 C/2.16 Kg), cc/10min.	1133	27
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23C		9,850
Tensile stress at break, MPa	527	
23C		140
Tensile strain at break, %	527	
23C		2.5
THERMAL	ISO Test Method	Property Value
Melting Point, C	3146	223
HDT A, C	75	205
HDT B, C	75	220

Note

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