

Ultradur® S 4090 G6 LS BK15077

PBT (Polybutylene Terephthalate)



Product Description

Ultradur S 4090 G6 LS BK15077 is a 30% glass reinforced PBT + ASA blend. It produces moldings with good surface finish and is resistant to chemicals and stress cracking. It has low shrinkage and warpage.

PHYSICAL	ISO Test Method	Property Value
Density, g/cm	1183	1.47
Viscosity Number, cm/g	1628	111
Moisture, %	62	
(50% RH)		0.2
(Saturation)		0.4
MECHANICAL	ISO Test Method	Property Value
Tensile stress at break, MPa	527	
23C		120
Tensile strain at break, %	527	
23C		2.3
Flexural Modulus, MPa	178	
23C		8,510
IMPACT	ISO Test Method	Property Value
Izod Notched Impact, kJ/m ²	180	
23C		7
THERMAL	ISO Test Method	Property Value
Melting Point, C	3146	223
HDT A, C	75	192

