

PIBITER N100 - PBT

Description

Unreinforced PBT, medium viscosity
PBT unreinforced, medium flowability

Physical properties	Value	Unit	Test Standard
Density	81.8	lb/ft ³	ISO 1183
Melt flow rate, MFR	25	g/10min	ISO 1133
MFR temperature	482	°F	ISO 1133
MFR load	4.76	lb	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	362595	psi	ISO 527-1, -2
Tensile stress at yield, 50mm/min	7250	psi	ISO 527-1, -2
Tensile strain at yield, 50mm/min	5	%	ISO 527-1, -2
Tensile strain at break, 50mm/min	>50	%	ISO 527-1, -2

Thermal properties	Value	Unit	Test Standard
DTUL at 0.45 MPa	280	°F	ISO 75-1, -2
Flammability @0.8mm nom. thickn.	HB	class	UL 94

Characteristics

Special Characteristics Auto spec approved

Product Categories Unfilled

Other Approvals

OEM	Specification	Additional Information
BMW	GS 93016	2011-01