



SAL PBT Lubricated

TYPICAL PROPERTIES OF PBT lubricated		
ASTM test	Property	PBT-Lubricated
PHYSICAL		
	Density (g/cm ³)	1.36
D570	Water Absorption, 24 hrs (%) 73F	0.07
MECHANICAL		
D638	Tensile Strength (psi)	6600
D638	Tensile Modulus (psi)	350000
D638	Tensile Elongation at Break (%)	30
D790	Flexural Strength (psi)	11500
D790	Flexural Modulus (psi)	35000
D695	Compressive Strength (psi)	10500
D695	Compressive Modulus (psi)	275000
D785	Rockwell hardness M Scale (R Scale)	75(115)
D256	IZOD Notched Impact (ft-lb/in)	0.9
THERMAL		
D648	Heat Deflection Temp (°F) at 264 psi	195
-	Max Operating Temp (°F / °C)	221
Other Properties		
-	Limiting PV(100 fpm) [psi-fpm]	15700

All values are attributes of the used raw materials. The physical data contained in this table are typical values. They are obtained on test specimens under specific conditions and represent average values. The results obtained on these tests specimens cannot be applied to finished parts without reservations, as behavior is influenced by processing and shaping.