

TECHNICAL DATASHEET

TRIBIT[®] 1500A15

PBT

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.32
Water Absorption (24 hours at 23°C)	%	D570	0.1
Melt Flow Rate (270°C, 2.16kg)	g/10min	D1238	65
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	500
Tensile Elongation at break	%	D638	2
Flexural Strength at yield	kg _f /cm ²	D790	850
Flexural Modulus	kg _f /cm ²	D790	60,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	3
THERMAL			
Coefficient of Linear Thermal Expansion	mm/mm/°C	D696	3 x 10 ⁻⁵
ELECTRICAL			
Volume Resistivity	Ω·cm	D257	1E+16
Dielectric Strength	kV/mm	D149	21
Dielectric Constant	-	D150	3.2
Dissipation Factor	-	D150	0.02
ARC Resistance	sec	D495	150
OTHERS			
Mold Shrinkage (3mm thickness)	%	D955	0.2~1.2

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.