

TECHNICAL DATASHEET

TRIBIT[®] 1500N

PBT

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.45
Water Absorption (24 hours at 23℃)	%	D570	0.08
Melt Flow Rate (235℃, 2.16kg)	g/10min	D1238	18
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	550
Tensile Elongation at break	%	D638	20
Flexural Strength at yield	kg _f /cm ²	D790	850
Flexural Modulus	kg _f /cm ²	D790	25,000
Izod Impact Strength, notched, 23℃ (1/8")	kg _f ·cm/cm	D256	3
Rockwell Hardness	R scale	D785	118
THERMAL			
HDT, 18.6 kgf/cm ²	℃	D648	55
ELECTRICAL			
Volume Resistivity	Ω·cm	D257	10의 16승
Dielectric Strength	kV/mm	D149	21
Dielectric Constant	-	D150	3.2
Dissipation Factor	-	D150	0.02
ARC Resistance	sec	D495	71
OTHERS			
UL-94 Flammability	-	(UL 94)	0.75mm V0

※ 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.