

Durepol® A3 G15 NTLA010 BT316 MSP

PBT-GF15

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	89	MPa	ASTM D 638
Flexural Modulus	4480	MPa	ASTM D 790
Flexural Strength	138	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	43	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	160	°C	ASTM D 648
Melting Temperature	224	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Volume Resistivity	3E16	Ohm*cm	ASTM D 257
Other properties			
Density	1430	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	80 - 110	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color