

Nypol® B3 G15 HS PRTA011 NT365

PA6-GF15

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	110	MPa	ASTM D 638
Flexural Modulus	4100	MPa	ASTM D 790
Flexural Strength	155	MPa	ASTM D 790
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	180	°C	ASTM D 648
Melting Temperature	217	°C	ASTM D 3418
Vicat Temperature	210	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	230 - 250	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

Black