

Nypol® B3 G5 NTLA010 NT399 MSP

PA6-GF5

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0112	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	6.5	%	ASTM D 638
Flexural Modulus	3600	MPa	ASTM D 790
Flexural Strength	150	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	140	°C	ASTM D 648
Melting Temperature	217	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.02	%	-
Melt temperature	220 - 240	°C	-
Mold temperature	40 - 80	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color