

Nypol® B3 G40 NTLA010 NT410

PA6-GF40

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	233	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	11650	MPa	ASTM D 790
Izod Impact notched, 1/8 in	14	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	77	J/m	ASTM D 256
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	217	°C	ISO 11357-1/-3
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	210	°C	ASTM D 648
DTUL @ 264 psi	167	°C	ASTM D 648
Vicat Temperature	210	°C	ASTM D 1525
Electrical properties			
ISO Data			
Electric strength	38	kV/mm	IEC 60243-1
ASTM Data			
Volume Resistivity	1E10	Ohm*cm	ASTM D 257
Other properties			
Density	1460	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, South and Central America

Delivery form

Natural Color