

Tenopom® B3 LF NTLA010 PR314

POM

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.5	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	1.05	kg	-
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	61	MPa	ASTM D 638
Elongation at Break	75	%	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Rockwell Hardness	M 78	-	ASTM D 785
Izod Impact notched, 1/8 in	75	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	160	°C	ASTM D 648
DTUL @ 264 psi	100	°C	ASTM D 648
Melting Temperature	165	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1410	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	1	°C	-
Melt temperature	180 - 200	°C	-
Mold temperature	70 - 90	°C	-
Zone 1	180	°C	-
Zone 2	190	°C	-
Zone 3	195	°C	-
Zone 4	200	°C	-
Zone 5	205	°C	-

Characteristics**Processing**

Other Extrusion

Features

Copolymer

Delivery form

Natural Color

Regional Availability

North America, Europe, South and Central America