

Nypol® A3 G30 P20 PRTA010 NR428

PA66-GF30

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	120	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	9700	MPa	ASTM D 790
Flexural Strength	190	MPa	ASTM D 790
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	1.3	%	ASTM D 570
Density	1500	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Additives

Lubricants

Delivery form

Black

Regional Availability

North America, Europe, South and Central America