

**Petrotene® A3 G10 T20 PRT0356 PH389**

PP-(MD+GF)30

Grupo Petropol Polímeros

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>6.5</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.0105</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>58</b>	MPa	ASTM D 638
Elongation at Break	<b>7</b>	%	ASTM D 638
Flexural Modulus	<b>3970</b>	MPa	ASTM D 790
Flexural Strength	<b>75</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 95</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>62</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>135</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>103</b>	°C	ASTM D 648
Vicat Temperature	<b>120</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>40</b>	kV/mm	ASTM D 149
Volume Resistivity	<b>1E13</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1140</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>3</b>	h	-
Melt temperature	<b>190 - 230</b>	°C	-
Mold temperature	<b>40 - 50</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

Homopolymer

**Delivery form**

Black

**Regional Availability**

North America, Europe, South and Central America