

Petrotene® A3 T30 MF PRTA010 PH385 MSP

PP-MD30

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, TD	0.01	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	26	MPa	ASTM D 638
Elongation at Break	16	%	ASTM D 638
Flexural Modulus	2900	MPa	ASTM D 790
Flexural Strength	42	MPa	ASTM D 790
Rockwell Hardness	R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	120	°C	ASTM D 648
DTUL @ 264 psi	70	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Homopolymer

Delivery form

Black

Regional Availability

North America, Europe, South and Central America