

Petrotene® A3 T40 PRTA011 PH209

PP-MD40

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0095	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	26	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	3900	MPa	ISO 178
Flexural strength	45	MPa	ISO 178
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	80	°C	ASTM D 648
Vicat Temperature	143	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1230	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	30 - 40	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Homopolymer

Delivery form

Black

Regional Availability

North America, Europe, South and Central America