

HP502H

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1650	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	94	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Film Extrusion, Pipe/Tube Extrusion, Profile Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Features

Homopolymer

Certifications

Food contact

Applications

Monofilament, Packaging

Regional Availability

Asia Pacific