

**HP510M**

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	35	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1550	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	37	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	95	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Gloss	88	-	ASTM D 2457
Haze	1.2	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion, Pipe/Tube Extrusion, Blow Molding

**Features**

High Gloss, Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Asia Pacific