

HP422H

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.1	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	1550	MPa	ASTM D 790
Rockwell Hardness	R 102	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	92	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	0.5	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion

Special Characteristics

High impact or impact modified, Transparent

Features

Barrier Properties, Good Drawdown, High Gloss, Low Odor, Homopolymer

Chemical Resistance

Oil Resistance, Oxidation Resistance

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific