

HP525J

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
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 105	-	ASTM D 785
Izod Impact notched, 1/8 in	55	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	94	°C	ASTM D 648
Vicat Temperature	156	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	0.5	%	ASTM D 1003

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

Characteristics**Processing**

Film Extrusion, Sheet Extrusion, Thermoforming

Features

Homopolymer

Certifications

Food contact

Applications

Medical, Packaging

Regional Availability

Asia Pacific