

HP456J

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.4	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	10	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	97	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Fiber Extrusion, Sheet Extrusion, Other Extrusion, Thermoforming

Features

Homopolymer

Applications

Monofilament

Regional Availability

Asia Pacific