

HP371P

PP

Rayomand Petroleum and Energy Commercial Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	32	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Flexural Modulus	1150	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	99	°C	ASTM D 648
Vicat Temperature	151	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	62	-	ASTM D 2457
Haze	15	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

Features

Low Warpage, Homopolymer

Chemical Resistance

General Chemical Resistance, Radiation Resistance

Applications

Medical

Regional Availability

Asia Pacific