

**HP550J**

PP

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3.2	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<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	55	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	94	°C	ASTM D 648
Vicat Temperature	156	°C	ASTM D 1525
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Film Extrusion, Sheet Extrusion, Thermoforming

**Features**

Homopolymer

**Certifications**

Food contact

**Applications**

Monofilament, Packaging

**Regional Availability**

Europe, Asia Pacific, South and Central America, Near East/Africa