

RP340R

PP

Persian Gulf Polymer Pooya Tejarat Novin Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	28	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1050	MPa	ASTM D 790
Rockwell Hardness	R 94	-	ASTM D 785
Izod Impact notched, 1/8 in	65	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	83	°C	ASTM D 648
Vicat Temperature	127	°C	ASTM D 1525
Optical properties			
ASTM Data			
Gloss	73	-	ASTM D 2457
Haze	22	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Blow Molding

Special Characteristics

Transparent

Features

Barrier Properties, High Gloss, Nucleated, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Medical, Packaging, Sports Equipment

Regional Availability

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