

HP525J

PP

Persian Gulf Polymer Pooya Tejarat Novin 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 | | | |
| 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 | | | |
| ASTM Data | | | |
| DTUL @ 66 psi | 94 | °C | ASTM D 648 |
| Vicat Temperature | 159 | °C | ASTM D 1525 |
| Optical properties | | | |
| ASTM Data | | | |
| Haze | 0.5 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Film Extrusion, Thermoforming

Special Characteristics

Transparent

Features

High Gloss, Homopolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

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