

EP548R

PP

Persian Gulf Polymer Pooya Tejarat Novin Co.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 21 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 27 | MPa | ASTM D 638 |
| Elongation at Yield | 7 | % | ASTM D 638 |
| Flexural Modulus | 1500 | MPa | ASTM D 790 |
| Rockwell Hardness | R 98 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 85 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 110 | °C | ASTM D 648 |
| Vicat Temperature | 149 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified

Features

Nucleated, Copolymer

Certifications

Food contact

Applications

Sports Equipment

Regional Availability

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