

HP550J

PP

Rayomand Petroleum and Energy Commercial Co.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 3.2 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| 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 102 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 55 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 94 | °C | ASTM D 648 |
| Vicat Temperature | 156 | °C | ASTM D 1525 |

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

Characteristics**Processing**

Film Extrusion, Sheet Extrusion, Thermoforming

Features

Homopolymer

Certifications

Food contact

Applications

Monofilament, Packaging

Regional Availability

Asia Pacific