

Moplen EP641P

PP

PolyMirae

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 20 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 27.5 | MPa | ASTM D 638 |
| Elongation at Yield | 5 | % | ASTM D 638 |
| Flexural Modulus | 1472 | MPa | ASTM D 790 |
| Rockwell Hardness | R 90 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 104 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 47.1 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |
| Thermal properties | | | |
| ASTM Data | | | |
| DTUL @ 66 psi | 110 | °C | ASTM D 648 |
| Vicat Temperature | 150 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Features

Low Warpage, Copolymer

Applications

Electrical and Electronical

Regional Availability

Asia Pacific, Near East/Africa