

Caltex PP MR71

Polypropylene

GS Caltex

Message:

Caltex PP MR71 is a Polypropylene material. It is available in Asia Pacific. Primary attribute of Caltex PP MR71: Impact Modified.

Typical application of Caltex PP MR71: Automotive

| General Information | | | |
|--|-------------------|-------------------|-------------|
| Additive | Impact Modifier | | |
| Features | Impact Modified | | |
| Uses | Automotive Bumper | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.970 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 22 | g/10 min | ASTM D1238 |
| Molding Shrinkage | | | ASTM D955 |
| Flow | 1.2 | % | |
| Across Flow | 1.2 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 18.6 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Flexural Modulus | 1430 | MPa | ASTM D790A |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ASTM D256 |
| -- | 450 | J/m | |
| -10°C | 110 | J/m | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 122 | °C | ASTM D648 |
| Additional Information | Nominal Value | Unit | |
| Processing Temperature | 210 to 230 | °C | |

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