

# Caltex PP MT62HI

Polypropylene

GS Caltex

Message:

Caltex PP MT62HI is a Polypropylene material. It is available in Asia Pacific. Primary attribute of Caltex PP MT62HI: Impact Modified.  
Typical application of Caltex PP MT62HI: Engineering/Industrial Parts

| General Information                                      |                      |                   |             |
|--|----------------------|-------------------|-------------|
| Additive   | Impact Modifier      |                   |             |
| Features   | Impact Modified      |                   |             |
| Uses   | Shock Absorbing Pads |                   |             |
| Forms  | Pellets              |                   |             |
| Physical   | Nominal Value        | Unit              | Test Method |
| Specific Gravity   | 1.04                 | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                | 29                   | g/10 min          | ASTM D1238  |
| Molding Shrinkage  |                      |                   | ASTM D955   |
| Flow   | 1.0                  | %                 |             |
| Across Flow  | 0.95                 | %                 |             |
| Hardness   | Nominal Value        | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                              | 74                   |                   | ASTM D785   |
| Mechanical   | Nominal Value        | Unit              | Test Method |
| Tensile Strength (Yield)                                 | 21.6                 | MPa               | ASTM D638   |
| Tensile Elongation (Break)                               | 90                   | %                 | ASTM D638   |
| Flexural Modulus   | 2160                 | MPa               | ASTM D790A  |
| Impact   | Nominal Value        | Unit              | Test Method |
| Notched Izod Impact                                      |                      |                   | ASTM D256   |
| --   | 190                  | J/m               |             |
| -10°C  | 39                   | J/m               |             |
| Thermal  | Nominal Value        | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 131                  | °C                | ASTM D648   |
| Additional Information                                   | Nominal Value        | Unit              |             |
| Processing Temperature                                   | 210 to 230           | °C                |             |

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