# ALCOM PP 620/8 GF/MRX

PP-(GF+MD)40 MOCOM Compounds GmbH & Co. KG

| Product Texts | |
|---|---|
| Base Polymer | Polypropylene Homopolymer |
| Filler/Additive System | glass fibre/mineral |
| Special Features | high acoustic damping,high density |
| Market Segment | Automotive |
| Application Area | blow moulding grade |
| Typical Applications | conduit |

| Mechanical properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Tensile Modulus | **3600** | MPa | ISO 527 |
| [C] Yield stress | **37** | MPa | ISO 527 |
| [C] Yield strain | **2.4** | % | ISO 527 |
| [C] Charpy impact strength, +23°C | **20** | kJ/m² | ISO 179/1eU |
| [C] Charpy notched impact strength, +23°C | **4.5** | kJ/m² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| [C] Temp. of deflection under load, 1.80 MPa | **120** | °C | ISO 75-1/-2 |
| [C] Vicat softening temperature, B | **110** | °C | ISO 306 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|---|---|---|---|
| [C] Density | **1320** | kg/m³ | ISO 1183 |

[C]: CAMPUS

## Characteristics

| Processing | Regional Availability |
|---|---|
| Injection Molding | North America, Europe, Asia Pacific, Near East/Africa |

## Other text information

| Injection molding | |
|---|---|
| Pre-Drying Conditions | in a dry air (dessiccant) dryer 60-90 °C<br>for 2-4 h<br>in an air circulating dryer 60-90 °C<br>for 2-4 h |
| Processing Extrusion | melt temperature 210-230 °C |
| Storage | dry, protected from light |


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