

CARBEM GFR 30

PC-GF30

Emas Plastik San.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 8 | g/10min | ISO 1133 |
| Molding shrinkage, parallel | 0.3 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 3750 | MPa | ISO 527 |
| Tensile Strength | 60 | MPa | ISO 527 |
| Strain at break | 6 | % | ISO 527 |
| Izod notched impact strength, +23°C | 6 | kJ/m ² | ISO 180/1A |
| Shore D hardness | 80 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 270 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 125 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 145 | °C | ISO 306 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1430 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding, Other Extrusion