



PRODUCT INFORMATION

CRENATE

GM508

Polypropylene (PP), 40% glass fiber and mineral filled for injection molding

| Properties | | Test method | Unit | Values |
|------------|------------------------------------|---------------|---------------------------------|-----------|
| Physical | Specific gravity | ASTM D792 | - | 1.22 |
| | Moisture absorption 24h at 23°C | ASTM D570 | % | - |
| | Mould shrinkage (flow) | Cresin Method | % | 0.3 ~ 0.5 |
| | Mould shrinkage (transverse) | Cresin Method | % | 0.5 ~ 0.7 |
| Mechanical | Izod notched impact | ASTM D256 | kg.cm/cm | 8 |
| | Tensile strength | ASTM D638 | kg/cm ² | 900 |
| | Elongation | ASTM D638 | % | 3 |
| | Flexural strength | ASTM D790 | kg/cm ² | 1,300 |
| | Flexural modulus | ASTM D790 | kg/cm ² | 60,000 |
| | Rockwell hardness | ASTM D785 | R-Scale | 110 |
| Thermal | Melting point | ASTM D3418 | °C | 163 |
| | HDT | ASTM D648 | °C (18.5kg/cm ²) | 150 |
| | | | °C (4.6kg/cm ²) | 160 |
| | Flammability | UL 94 | - | HB |

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