

ENGITECH® F14 909000

Technical Data Sheet

Compound in PP

PRODUCT DESCRIPTION

ENGITECH® F14 909000 is a glass fiber reinforced PP compound having excellent mechanical properties and flow behavior

| Property | Test Condition | Unit | Standard | Typical value |
|---|----------------|-----------|------------|---------------|
| Mechanical properties (23 °C/50 % r. h.) | | | | |
| Tensile Strength | 50 mm/min | MPa | ASTM D638 | 45 |
| Elongation at Break | 50 mm/min | % | ASTM D638 | 5 |
| Flexural strength | 2 mm/min | MPa | ASTM D790 | 50 |
| Flexural modulus | 2 mm/min | MPa | ASTM D790 | 2200 |
| Izod impact strength (notched) | 23 °C | J/m | ASTM D256 | 40 |
| Thermal properties | | | | |
| MFI | 230°C/2.16kg | Gms/10min | ASTM D1238 | 5 |
| HDT | 1.8 MPa | °C | ASTM D648 | 148 |
| Other properties (23 °C) | | | | |
| Density | | gm/cc | ASTM D792 | 1.02 |
| Filler Content | | % | ASTM D5630 | 20 |
| Shrinkage | | % | | 0.2 |

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USAGE

ENGITECH® F14 909000 is suitable for injection molding of general purpose applications

STORAGE AND SHELF LIFE

It is recommended to store ENGITECH® F14 909000 compound in dry, dust free conditions and prevent exposure to direct sunlight and/or heat. The storage should not exceed 12 months at 25°C for optimum performance.

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