

# ENGITECH® F25 916000

## Provisional Data Sheet

### Compound in PP

#### PRODUCT DESCRIPTION

ENGITECH® F25 916000 is a mineral reinforced PP compound having high gloss, optimum mechanical properties and flow behavior

| Property  | Test Condition | Unit     | Standard   | Typical value |
|---|----------------|----------|------------|---------------|
| <b>Mechanical properties (23 °C/50 % r. h.)</b> |                |          |            |               |
| Tensile Strength                                | 50 mm/min      | MPa      | ASTM D638  | 20            |
| Elongation at Break                             | 50 mm/min      | %        | ASTM D638  | >10           |
| Flexural strength                               | 2 mm/min       | MPa      | ASTM D790  | 33            |
| Flexural modulus                                | 2 mm/min       | MPa      | ASTM D790  | 2000          |
| Izod impact strength (notched)                  | 23 °C          | J/m      | ASTM D256  | 85            |
| <b>Thermal properties</b>                       |                |          |            |               |
| MFI   | 230°C/2.16kg   | gm/10min | ASTM D1238 | 28            |
| <b>Other properties (23 °C)</b>                 |                |          |            |               |
| Density   |                | gm/cc    | ASTM D792  | 1.07          |
| Filler Content                                  |                | %        | ASTM D5630 | 25            |

#### USAGE

ENGITECH® F25 916000 is suitable for injection molding of general purpose applications

#### STORAGE AND SHELF LIFE

It is recommended to store **ENGITECH® F25 916000** 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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