



■ Scolefin[®] 53 G 10-0

Polypropylene
Prime Compound

Description:

PPH, 30% glass filled, chemically coupled, natural

General

| | | | |
|-------------------|----------|------|-------------------|
| MFI (230°/2,16kg) | ISO 1133 | 13 | g/10min |
| Density | ISO 1183 | 1.12 | g/cm ³ |

Thermal

| | | | |
|------------------------------------|---------|-----|----|
| HDT/B (0,46 MPa) | ISO 75 | 161 | °C |
| HDT/A (1,82MPa) | ISO 75A | 150 | °C |
| Vicat softening point (B50 (50N)) | ISO 306 | 140 | °C |
| Vicat softening point (A120 (10N)) | ISO 306 | 166 | °C |

Mechanical

| | | | |
|--|---------|------|-------------------|
| Izod notched impact strength (23°C) | ISO 180 | 10 | kJ/m ² |
| Izod unnotched impact strength (23 °C) | ISO 180 | 45 | kJ/m ² |
| Charpy notched impact strength (23 °C) | ISO 179 | 10 | kJ/m ² |
| Charpy unnotched impact strength (23 °C) | ISO 179 | 50 | kJ/m ² |
| Tensile stress at yield | ISO 527 | 90 | MPa |
| Elongation at break | ISO 527 | 5 | % |
| Tensile modulus | ISO 527 | 7500 | MPa |
| Flex modulus | ISO 178 | 5900 | MPa |

Various

| | | | |
|----------------------|----------|----|---|
| Ash content (700 °C) | ISO 3451 | 30 | % |
|----------------------|----------|----|---|