

■ Scolefin[®] 54 T 15

Polypropylene
Prime Compound

Description:

PP homopolymer, 40% mineral filled, heat stabilized with a special package additive for laser marking.

General

| | | | |
|-------------------|----------|------|-------------------|
| MFI (230°/2,16kg) | ISO 1133 | 15 | g/10min |
| Density | ISO 1183 | 1,25 | g/cm ³ |

Thermal

| | | | |
|-----------------------------------|---------|-----|----|
| HDT/A (1,82MPa) | ISO 75A | 96 | °C |
| Vicat softening point (B50 (50N)) | ISO 306 | 105 | °C |

Mechanical

| | | | |
|-------------------------------------|---------|------|-------------------|
| Izod notched impact strength (23°C) | ISO 180 | 2 | kJ/m ² |
| Tensile stress at yield | ISO 527 | 35 | MPa |
| Elongation at yield | ISO 527 | 2,5 | % |
| Tensile modulus | ISO 527 | 4600 | MPa |
| Flex modulus | ISO 178 | 5400 | MPa |

Various

| | | | |
|----------------------|----------|----|---|
| Ash content (600 °C) | ISO 3451 | 40 | % |
|----------------------|----------|----|---|