

TERRAPRENE® SI 801 75A nat

Material: SEBS-Compound based on hydrated Styrene-Block-Copolymers and biobased polymers, containing mineral fillers
Application: General Injection Molding
Features: Good mechanical properties, good flow properties. The biobased carbon content (BCC) is 70% (calculated).

| Characteristics | Standard | Condition | Unit | Specification |
|-------------------------------|-------------|---------------------|-------------------|---------------|
| Mechanical Properties | | | | |
| Tensile Strength | DIN 53504 | | MPa | 3,8 |
| Elongation at Break | DIN 53504 | | % | 250 |
| Compression Set | ISO 815 | 22h/70°C | % | - |
| Thermal Properties | | | | |
| Brittleness Temperature | ASTM D 746 | | °C | - 60 |
| Other Properties | | | | |
| Density | ISO 1183 | 23°C | g/cm ³ | 0,98 |
| Shore-Hardness | ISO 868 | 3 sec | Shore A | 75 |
| Identification Marking | ISO 1043 | - | - | >SEBS< |
| Processing Temperature | | | | |
| Cylinder Temperature | 160 - 200°C | | | |
| Mass Temperature | 180 - 190°C | | | |
| Mould Temperature | 25 - 40°C | (injection molding) | | |
| Drying conditions | 2 - 4h | at 60°C | | |

The properties listed are non-binding average values, which were determined based on standard test. They relate to natural material. Colored products might give differing results. The product descriptions are not to be understood as guaranteed. Each user has to assess the product under its own responsibility for the intended purpose.

Standard packaging is 20kg bag and 1000kg Octabin. Other packaging are possible.

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