

LAPRENE® 83KA00A20 NEUTRO

LAPRENE®

Product information

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|----------------------|--------|-----------|
| Resin Identification | SEBS | ISO 1043 |
| Part Marking Code | >SEBS< | ISO 11469 |

Rheological properties

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|----------------------------------|------------|----------|
| Melt mass-flow rate | 36 g/10min | ISO 1133 |
| Melt mass-flow rate, Temperature | 190 °C | |
| Melt mass-flow rate, Load | 2.16 kg | |

Typical mechanical properties

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|------------------------------------|---------|------------------------|
| Tensile stress at 100% elongation | 0.3 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at 300% elongation | 0.7 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at break | 6.1 MPa | ISO 527-1/-2 or ISO 37 |
| Elongation at break, perpendicular | 949 % | ISO 527-1/-2 or ISO 37 |
| Shore A hardness, 3s | 20 | ISO 48-4 / ISO 868 |
| Compression set, 23 °C, 24h | 26 % | ISO 815 |
| Compression set, 70 °C, 24h | 82 % | ISO 815 |
| Tear strength, normal | 23 kN/m | ISO 34-1 |

Physical/Other properties

| | | |
|---------|-----------------------|----------|
| Density | 924 kg/m ³ | ISO 1183 |
|---------|-----------------------|----------|

Injection

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|--------------------------|---------|
| Drying Recommended | no |
| Melt Temperature Optimum | 180 °C |
| Min. melt temperature | 170 °C |
| Max. melt temperature | 190 °C |
| Screw tangential speed | ≤15 m/s |
| Mold Temperature Optimum | 30 °C |
| Min. mould temperature | 20 °C |
| Max. mould temperature | 40 °C |

Characteristics

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| Processing | Injection Moulding |
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Additional information

Processing Notes

Pre-Drying

2h@80C

Storage

Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.