

# LAPRENE® 830000951 NEUTRO

## LAPRENE®

### Product information

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

### Rheological properties

|                                  |             |          |
|----------------------------------|-------------|----------|
| Melt mass-flow rate              | 190 g/10min | ISO 1133 |
| Melt mass-flow rate, Temperature | 190 °C      |          |
| Melt mass-flow rate, Load        | 5 kg        |          |

### Typical mechanical properties

|                                    |         |                        |
|------------------------------------|---------|------------------------|
| Tensile stress at 100% elongation  | 1.2 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at 300% elongation          | 2.5 MPa | ISO 527-1/-2 or ISO 37 |
| Stress at break                    | 5.1 MPa | ISO 527-1/-2 or ISO 37 |
| Elongation at break, perpendicular | 596 %   | ISO 527-1/-2 or ISO 37 |
| Shore A hardness, 3s               | 48      | ISO 48-4 / ISO 868     |
| Tear strength, normal              | 23 kN/m | ISO 34-1               |

### Physical/Other properties

|         |                       |          |
|---------|-----------------------|----------|
| Density | 910 kg/m <sup>3</sup> | ISO 1183 |
|---------|-----------------------|----------|

### Injection

|                          |         |
|--------------------------|---------|
| 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

|            |                    |
|------------|--------------------|
| Processing | Injection Moulding |
|------------|--------------------|

### Additional information

Processing Notes

#### Pre-Drying

Drying not necessary

#### Storage

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