

Lifoflex TV 45568/2

General

Base Material TPS – SEBS / SBS
 Recycling 100% recyclable
 Mould Shrinkage (linear) Approx. 0.75 - 2% depending on e.g. shape of the detail and placement of gate
 Bonds to PP, PE

Typical Properties

| Property | Units | Typical Value | Test Method |
|---------------------|---------------------|---------------|---|
| Hardness | Shore A | 45 ± 3 | ISO 868 (3 sec.) |
| Specific Gravity | g / cm ³ | 1.08 | DIN EN ISO 1183-1 (A) |
| Tensile Strength | MPa | 4.5 2.0 | DIN 53504 (S2) cross longitudinal |
| Elongation at Break | % | 755 149 | DIN 53504 (S2) cross longitudinal |
| Compression Set | | | DIN EN ISO 815 |
| 23 °C / 72h | % | 18 | |
| 23 °C / 168h | % | 19 | |
| 70 °C / 72h | % | 86 | |

Processing

The material has excellent processing characteristics and can be processed using standard thermoplastic processing methods.

| Processing Temperatures | Injection Moulding | Extrusion |
|--------------------------|---------------------------------------|-----------|
| Cylinder Temperatures °C | 170 – 220 | |
| Mould Temperatures °C | 30 – 60 | |
| Predrying | Under normal conditions not necessary | |

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions, which may be made, are without guarantee, since the conditions of use are beyond our control. Figures are indicative and can vary depending on specific grade selected and production site. Lifoflex grades have an expected shelf life of minimum 12 months after shipment date. The product should be stored in a dry and cool place in the manufacturer's original packaging. Lifoflex® is a registered trademark, property of the HEXPOL Group of companies.

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