

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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