

31/10/14 Doc. Date

Production Müller Kunststoffe

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Lifoflex TV 45568/2

General

Base Material TPS - SEBS / SBS Recycling 100% recyclable

Approx. 0.75 - 2% depending on e.g. shape of the detail and Mould Shrinkage (linear)

placement of gate

PP, PE Bonds to

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		DIN 53504 (S2)
		4.5	cross
		2.0	longitudinal
Elongation at Break	%		DIN 53504 (S2)
		755	cross
		149	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.

France



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