

Dryflex UVE 503461

General

Description	Thermoplastic Elastomer, TPS-SEBS
Form	Free flowing pellets
Recycling	Recyclable in closed-loop systems
Mould Shrinkage	Approx. 0.75 – 2% depending on e.g. the shape of the moulded part and placement of the gate
Bonds to	PP, PE

Typical Properties

Property	Units	Typical Value	Test Method
Hardness	Shore A	50	ISO 868 (3 sec.)
Density	g/cm ³	1.14	DIN EN ISO 1183-1 (A)
Tensile Strength	MPa	11.0	DIN 53504 (S2, cross)
Elongation at Break	%	900	DIN 53504 (S2, cross)
Compression Set			DIN ISO 815-1 (Type B)
23°C / 22h	%	16	Method A
70°C / 22h	%	50	Method A
100°C / 22h	%	---	Method A

Processing

The product should be stored in a dry and cool place in the manufacturer's original packaging. The material can be processed using standard thermoplastic processing methods. Additional processing information is available in our Processing Guides which can be downloaded from our website www.hexpolTPE.com →

Processing temperatures (°C)	Injection Moulding	Extrusion
Cylinder	n.a.	170 – 220
Mould	n.a.	n.a.
Predrying	Under normal conditions not necessary	

Typical values are advisory and do not absolve customers from carrying out their own full-scale tests to determine the suitability of the material for the intended applications. Dryflex 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. Figures are indicative and may vary depending on the specific grade selected and the production site. HEXPOL TPE makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Dryflex® is a registered trademark, property of the HEXPOL Group of companies.