

Dryflex INT 85A210

General	Description	Thermoplastic Elastomer, TPS-SEBS
	Colour	Can be coloured easily
	Form	Free flowing pellets
	Recycling	100% recyclable

Special Features	Low emission TPE for automotive interior applications. Typical applications are fascia mats, cup holder liners and other small visible parts.
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Typical Properties	Property	Units	Typical Value	Test Method
	Hardness	Shore A	85	ISO 868 ¹
	Density	g/cm ³	0.97	ISO 2781
	Tensile Strength	MPa	10.8	DIN 53504, S2 ² , ISO 37 Type 2 ²
	Elongation at Break	%	> 700	DIN 53504, S2 ² , ISO 37 Type 2 ²
	Compression Set			DIN ISO 815-1 (Type B)
	23°C / 72h	%	38	Method A
	70°C / 22h	%	52	Method A
	Flammability	mm/min	< 80	ISO 3795, DIN 75200, FMVSS 302
	Lightfastness (tested at black version)			ISO 105-B06 (condition 3), VW PV 1303
	Grey Scale	-	4-5	After 3 periods
	Emission Testing for Interior			
	Gravimetric Fogging	mg	0.65	ISO 6452, DIN 75201-B, SAE J1756-B
	Reflectometric Fogging	%	91	ISO 6452, DIN 75201-A, Renault/PSA D45 1727
	Thermodesorption (VOC)	µg/g	108	VDA 278
	Thermodesorption (FOG)	µg/g	509	VDA 278
	Headspace (TVOC)	µgC/g	3.4	VDA 277, VW PV 3341, Volvo VCS 1027,2749
	Odour	-	3.0	VDA 270 (B3)

¹ After 15 seconds

² Across the flow direction

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.

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Typical Properties

Mechanical properties after ageing (120°C / 7d)

Change in Hardness	Shore A	-1	ISO 868 ¹
Dimensional change	%	- 0.2	

Mechanical properties after ageing (120°C / 42d)

Change in Hardness	Shore A	0	ISO 868 ¹
Change in Tensile Strength	%	- 0.9	DIN 53504, S2 ² , ISO 37 Type 2 ²
Change in Elongation at Break	%	0	DIN 53504, S2 ² , ISO 37 Type 2 ²

¹ After 15 seconds

² Across the flow direction

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	180 - 220	n.a.
Mould	20 - 60	n.a.
Predrying	Under normal conditions not necessary	

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