



Dryflex PCR 50A101B U

General	Description	Thermoplastic Elastomer, TPS-SEBS
	Colour	Black
	Form	Free flowing pellets
	Service Temperature	-50 to +125°C (unstressed material)
	Recycling	100% recyclable

Special Features This grade contains approximately 10% by weight of Post Consumer Recyclate

Typical Properties	Property	Units	Typical Value	Test Method
	Hardness	Shore A	50	ISO 868 ¹
	Density	g/cm ³	1.10	ISO 2781
	Tensile Strength	MPa	5.6	ISO 37 Type 1
	Modulus 100%	MPa	1.3	ISO 37 Type 1
	Elongation at Break	%	650	ISO 37 Type 1
	Tear Strength	N/mm	21	ISO 34-1 Method C
	Compression Set			
	23°C / 22h	%	13	ISO 815-1 Type B
	70°C / 22h	%	31	ISO 815-1 Type B

¹After 15 seconds

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 - 210	n.a.
Mould	15 - 50	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.