



## Dryflex Green EP 80A36G1N U

### General

Description	Thermoplastic Elastomer, TPO
Colour	Natural, but can easily be coloured
Form	Free flowing pellets
Service Temperature	-50 to +80°C (unstressed material)
Recycling	100% recyclable

### Typical Properties

Property	Units	Typical Value	Test Method
Hardness	Shore A	80	ISO 868 <sup>1</sup>
Density	g/cm <sup>3</sup>	0.87	ISO 2781
Tensile Strength	MPa	6.4	ISO 37 Type 1
Modulus 100%	MPa	4.3	ISO 37 Type 1
Elongation at Break	%	> 400	ISO 37 Type 1
Tear Strength	N/mm	41.9	ISO 34-1 Method C
Biobased carbon content (calculated)	% of TOC	36	ASTM D 6866-12

<sup>1</sup> After 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](http://www.hexpolTPE.com) →

Processing temperatures (°C)	Injection Moulding	Extrusion
Cylinder	180 - 210	150 - 180
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.