Data Sheet	EnviroPolymer-EP
Data Sheet Type	Final
Material Reference	EnviroPolymer-EP
Polymer	EPDM
Date Issued	07/09/26

Description

EnviroPolymer-EP is a high performance EPDM rubber produced from 95% + Renewably Sourced and Recycled ingredients. A market leading product manufactured with a revolutionary formulation and unique processing technology.

With excellent mechanical properties the material is Heat, Weather, Ozone and UV resistant and suitable for a wide range of industrial applications in Automotive, Transport, Electronics, Construction, Marine, and Power Generation industries.

This material is exclusively compounded and manufactured for MacLellan Rubber.

Specifications	Values	Test Methods
Compression Set	20 %	ASTM D395 Method B
Elongation at Break	500 %	ASTM D412
Highest Recommended Working Temperature	100 °C	None
Lowest Recommended Working Temperature	-15 °C	None
Shore Hardness (Shore A)	70 ° Shore	ASTM D2240
Specific Gravity	1.12 g/cm 3	ASTM D2240
Tensile Strength	6 MPA	ASTM D412

Purposes

Oil Resistance

Ozone Resitance

Water Resistant

Weather Resistance

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.