

Data Sheet Type	Final
Material Reference	0157
Polymer	EPDM Food Grade
Date Issued	21/12/24



### Description

European Union Manufactured FoodSafe Grade Ethylene Propylene Diene Monomer (EPDM) Rubber Sheet conforming to all latest Specifications and Best Practice including EU1935:2004 2023/26 & FDA CFR 177 Sub Part C 177.2600

Specifications	Values	Test Methods
Colour	White	None
Compression Set(22 Hours @ 70°C)	40 %	ISO 815
Density	1.27 g/cm 3	None
Elongation at Break	> 350 %	ISO 37
Heat Ageing - Change in Elongation @ Break	-40 % 72 Hrs @ 70 C	ASTM D412
Heat Ageing - Change in Hardness	5 ° Shore 72 Hrs @ 70 C	ASTM D2240
Heat Ageing - Change in Tensile Strength	-15 % 72 Hrs @ 70 C	ASTM D412
Highest Recommended Working Temperature	115 °C	None
Lowest Recommended Working Temperature	-40 °C	None
Ozone Resistance	No Crack 200pphm 48 Hrs,38°C, 20%	ASTM D1149 Type A
Shore Hardness (Shore A)	60 ° Shore +/-5°	ASTM D2240
Specific Gravity	1.29 g/cm 3 +/-0.05	ASTM D2240
Standard Roll/Sheet Size	1400mm x 10 Metres Range	None
Tear Resistance	> 18 N/mm	ISO 34
Tensile Strength	> 8 MPA Minimum	ISO 37

### Purposes



Chemical Resistant



Flame Retardant



Food Contact Suitability



Ozone Resistance



Water Resistant

### **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.