



R252/5 EPDM Blend Sponge

PROPERTIES	AVERAGE VALUE
ASTM D1056	2A2
Density	96 kg m ³
Compression Deflection 25%	48 kpa
Shore Hardness 00 Scale	50
Compression Set %	< 35%
Elongation %	125% min
Tensile Strength	690 kpa
Temperature Range (Constant)	-40 + 93°C
Temperature Range (Intermittent)	+ 121°C
Water Absorption	< 5 % max
FMVSS302	PASS
UL94 HF1	PASS

Please Note:

The figures present on this specification sheet are average values. We recommend and will support evaluation prior to use to ascertain the suitability of the material for the application.

Material Properties

- Good Sealing properties (air, dust and water migration)
- Excellent UV & Ozone resistance
- Excellent Chemical resistance
- Outstanding aging
- Flexible and good recovery

This material offers the best characteristics of both materials in terms of performance and price. Blend offers oil and petro-chemical resistance as well as offering excellent weatherproofing due to its resistance to ageing, UV, ozone and oxidation. This material provides an excellent seal under compression as well as thermal conductivity and NVH solution.

 **UK Industry Leader**
Of cellular solutions

 **Global Accreditation**
TS16949 & ISO14001

 **Experience of**
Over 50 years

Products & Services

Ramsay are a manufacturer of **die-cut** and **thermoformed** parts in technical high performance lightweight sponge, foams and fabrics. For sealing, NVH, thermal and acoustic applications to OEMs across industry and the world.

Die Cut Gaskets

Adhesive Tapes

Thermoforming

Fabrication & Assembly

From the moment your enquiry is received, Ramsay will offer technical support. Advising the best product and high performance material solution that suits your application and assembly process requirements.



Quality Assured

Ramsay are one of a few UK manufacturers with **TS16949, ISO9001 & IS14001** accreditations. All of our materials are registered in accordance with **IMDS** and are **ROSHH/REACH** compliant.

Our products are supplied in a condition of supply that complement our customer's process/assembly requirements, with product development and technical support from our project management team with full **APQP, FMEA** planning and **PPAP** approval.

We see our customers as partners, working together with a collaborative approach to ensure we continually improve our quality and overall service. We support our customers with further product development, on-site technical support and **VAVE** analysis/activity, enhancing customer competitiveness.

Get in Touch

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FM 573015

EMS 652217

TS 573014