

ELASTOSIL[®] C2935 A



High Consistency Silicone Rubber (HCR)

Silicone Rubber Sponge ELASTOSIL[®] C2935 A is a medium-density silicone rubber sponge compound. It is specifically designed for molding. When properly catalyzed and cured it produces a sponge that is tough and resilient with a uniform, closed-cell structure.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	Straw	ASTM D 746
Specific gravity	-	20,171,300 mg/m ³	-
Specific gravity uncured	25 °C	1.09 g/cm ³	-
Compression Set	22 h 100 °C	20 %	-
Compression Deflection	-	9 psi	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

Catalyst ELASTOSIL® C2935 A is supplied without a crosslinking agent. The recommended catalyst level is: - 1.0 parts: 2,5-di(t-butylperoxy)-2,5 dimethylhexane (45% active) per 100 parts of ELASTOSIL® C2935 A. Molding / Post Curing The recommended molding temperature is 350 °F. Using a cool mold, the molding time will vary 15 to 30 minutes depending on part thickness. The recommended post cure is 4 h at 400 °F. Sponge parts produced from ELASTOSIL® C2935 A are used in applications that require toughness, good thermal stability, and low compression set. Molded gaskets, thermal barriers, and vibration damping pads are a few examples of finished products that can be fabricated from this versatile product.

Packaging and storage

Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code ELASTOSIL® C2935 A



For technical, quality or product safety questions, please contact:

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