

ELASTOSIL[®] R 427/60

High Consistency Silicone Rubber (HCR)

ELASTOSIL[®] R 427/60 is a High Strength Base noted for its exceptional transparency excellent tear strength and excellent mechanical properties. ELASTOSIL[®] R 427/60 can be used for extruded profiles. ELASTOSIL[®] R 427/60 vulcanizing characteristics make it possible to achieve short cycle times in the production of molded articles by compression transfer and injection molding. Post-cured vulcanizates can be used for applications in the health care and food handling industries.

Properties

ELASTOSIL[®] R 427/60 contains those ingredients which are suitable for food contact. Under Title 21 "Food and Drugs," Part 177.2600, "Rubber articles intended for repeated use." Because this regulation contains limitations, compliance to the regulation is the responsibility of the user. Key Characteristics - Excellent molding qualities - Excellent tensile strength & tear resistance - Excellent clarity

Application details

Recommended Curing Agent Levels - 1.5 parts: 2,4-dichlorobenzoyl peroxide (50% active in silicone paste) per 100 parts of ELASTOSIL[®] R 427/60. - 0.7 parts: dicumyl peroxide (98% active) per 100 parts of <(> <<)>productname>. - 0.6 parts: 2,5-di(t-butylperoxy)-2,5-dimethylhexane (100% active) per 100 parts of ELASTOSIL[®] R 427/60.

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® R 427/60



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

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.