



KALAR® 5280

KALAR® 5280 is a partially cross-linked butyl rubber compound pelletized for easy handling. KALAR® products feature all the performance attributes expected of butyl rubber.

KALAR® 5280 is amber in color and is among the tightest cross-linked butyl rubber of the KALAR® products. It is designed as the starting point for applications that require the maximum resistance to creep and slump. KALAR® 5280 provides the most resistance to flow at high temperatures.

Technology / Base	Cross-linked Butyl
Type of Product	Elastomer
Appearance / Color	Amber
Consistency	Rubber Pellet

Features and Benefits

KALAR® 5280 contains no filler and its tenacity is due to the degree of cross-linking; not reinforcing fillers. This feature permits the compounder the widest formulating latitude.

Other key performance benefits include:

- Elimination of butyl rubber pre-mastication
- Pellets may be metered to facilitate mixing
- Requires no vulcanization
- Readily acceptable in a wide range of solvents
- Extends with high levels of fillers and plasticizers
- Compatible with a wide choice of compounding ingredients
- Creep and cold-flow resistance
- Compounding economy

Recommended For

KALAR® 5280 contains no monomeric materials that often impart an objectionable odor and potential instability under elevated temperature. Although widely used in the sealant industry, KALAR® 5280 is also ideal for a variety of applications including the following:

- | | |
|---|---|
| <ul style="list-style-type: none"> • Industrial sealant tape • Architectural glazing tape • Automotive windshield tape • Automotive sealant and sound deadening compound • Tire sealant • High-strength thermoplastic mastic • Weather-proofing sealant tape | <ul style="list-style-type: none"> • Hot-melt glazing compounds • Solvent release adhesives • Caulks • Construction adhesives • Processing aid for butyl rubber • Green strength enhancer in butyl and EPDM compounds |
|---|---|

Handling

The suggested handling procedure varies with the desired product. Coatings and adhesives are produced by adding the pellets to a solvent, mixing with a high-speed homogenizer-dispenser, and adding the rest of the ingredients. Caulks and sealants may be mixed in Sigma blade mixers. Stiff compounds may be mixed in a Banbury or on a two-roll rubber mill.

Storage and Shelf Life

KALAR® 5280 will maintain chemical and physical properties for a minimum of 1 year from date of manufacture. KALAR® 5280 product may agglomerate or hard-pack within the boxes, however this will have no effect on chemical or physical properties and the product may be used. Store in a cool, dry environment.



Typical Packaging

KALAR® 5280 is packaged in 50 lb. fiber boxes.

Safety and Disposal

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

Technical Data

Property	Typical Value	Test Method
Mooney viscosity @ 127°C	80 - 90	ASTM D1646
Specific Gravity	0.92	ASTM D71
Density (lb/gal)	7.7	ASTM D71
Filler	None	

H.B. Fuller Company
 4401 Page Ave
 Michigan Center, MI 49254
 Tel: +1.800.248.4010

Connecting what matters.™

KALAR® 5280 TDS_EN 20191107

www.hbfuller.com

www.hbfullerengineering.com

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience, and we believe this information to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

® and ™ are trademarks of H.B. Fuller Company or one of its affiliated entities.



NOTE TO USER: by ordering/receiving product, you accept the **H.B. Fuller General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received this documentation. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) the total aggregate liability of H.B. Fuller for any claim or series of related claims, however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability, or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. (2) H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill, or any indirect or consequential losses arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence, death, or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.

H.B. Fuller
www.hbfuller.com

©H.B. Fuller Company, 2018