



## KALAR® 5263

KALAR® 5263 is a partially cross-linked butyl rubber compound pelletized for easy handling. KALAR® products feature all the performance attributes expected of butyl rubber.

KALAR® 5263 is amber in color and is a more tightly cross-linked butyl rubber than KALAR® 5215. It is designed as the starting point product for butyl sealants that require higher modulus and/or superior durability at elevated temperatures.

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

### Features and Benefits

KALAR® 5263 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® 5263 contains no monomeric materials that often impart an objectionable odor and potential instability under elevated temperature. Although widely used in the sealant industry, KALAR® 5263 is also ideal for a variety of applications including the following:

- |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |
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| <ul style="list-style-type: none"> <li>• Industrial sealant tape</li> <li>• Architectural glazing tape</li> <li>• Automotive windshield tape</li> <li>• Automotive sealant and sound deadening compound</li> <li>• Tire sealant</li> <li>• High-strength thermoplastic mastic</li> <li>• Weather-proofing sealant tape</li> </ul> | <ul style="list-style-type: none"> <li>• Hot-melt glazing compounds</li> <li>• Solvent release adhesives</li> <li>• Caulks</li> <li>• Construction adhesives</li> <li>• Processing aid for butyl rubber</li> <li>• Green strength enhancer in butyl and EPDM compounds</li> </ul> |
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### 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® 5263 will maintain chemical and physical properties for a minimum of 1 year from date of manufacture. KALAR® 5263 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® 5263 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	55 - 65	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

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[www.hbfuller.com](http://www.hbfuller.com)

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