



KALAR® 5215

KALAR® 5215 is a partially cross-linked butyl rubber compound pelletized for easy handling. KALAR® products feature all the performance attributes expected of butyl rubber.

KALAR® 5215 is off-white in color and is a moderately cross-linked butyl rubber providing an excellent butyl intermediate base for general-purpose sealants and tapes.

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

Features and Benefits

KALAR® 5215 is the easiest of the KALAR® products to solvate.

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® 5215 contains no monomeric materials that often impart an objectionable odor and potential instability under elevated temperature. Although widely used in the sealant industry, KALAR® 5215 is also ideal for a variety of applications including the following:

- 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
- 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® 5215 will maintain chemical and physical properties for a minimum of 1 year from date of manufacture. KALAR® 5215 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® 5215 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 | 47 -57 | ASTM D1646 |
| Specific Gravity | 1.07 | ASTM D71 |
| Density (lb/gal) | 8.96 | ASTM D71 |
| Filler | Non-abrasive | |
| Unsaturation (Mole %) | 1.2 | Ozone Analysis |

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