

LOTADER[®] AX8670T

LOTADER[®] AX8670T is a random ethylene-vinyl acetate-glycidyl methacrylate terpolymer.

LOTADER[®] AX8670T can be used in a very wide range of applications:

- Adhesion promoter onto metallic surface
- Bitumen performance enhancer
- Shrink Sleeve
- Expendable foam
- Hot melt adhesive reactive component

Typical Properties

	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	17
Glycidyl Methacrylate Content	FTIR (internal method)	%.-wt.	10
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	8
Melting Point	ISO 11357-3	°C	85
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	43
Density	ISO 1183 / ASTM D1505	g/cm ³	0.95
Flexural Modulus ¹	ISO 178 / ASTM D790	MPa	30
Elongation at break ¹	ISO 527-2 / ASTM D638	%	>500
Tensile strength at break ¹	ISO 527-2 / ASTM D638	MPa	>7
Hardness Shore D ¹	ISO 868 / ASTM D2240	-	91/33

¹: On compression molded samples.

Processing

CAUTION: LOTADER® AX8670T reacts with polymers containing maleic anhydride and acid. This reaction may generate gels or can block an extruder if not controlled.

Extruders must be thoroughly purged before and after extruding LOTADER® AX8670T

Storage, Handling & Safety

LOTADER® AX8670T should be stored in dry conditions and be kept out of moisture in an aerated building. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Due to its physical properties, it may be possible that LOTADER® AX8670T shows some caking. This is particularly true during summer time.

Safety data sheet as well as information on handling and storage of the LOTADER® AX8670T is available upon request to your SK Functional Polymer representative.

Shelf Life

Three years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.

The information above is believed to be accurate and represents the best information currently available to us. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. All sales are subject to SK Corporation's standard terms and conditions of sale, copies of which are available upon request and which are part of SK Functional Polymer invoices and/or order acknowledgments. Except as expressly provided in SK Corporation's standard terms and conditions of sale, SK Corporation makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and SK Corporation assumes no liability from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. SK Functional Polymer is a subsidiary of SK Global Chemical.