

LOTADER[®] AX8670T

Provisional technical data sheet

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

LOTADER[®] AX8670T as :

- 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.	9
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	12
Melting Point	ISO 11357-3	°C	87
Vicat Softening Temperature (1)	ISO 306 / ASTM D1525	°C	43
Density	ISO 1183 / ASTM D1505	-	0.956
Flexural Modulus	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 A/D (1)	ISO 868 / ASTM D2240	-	91/33

(1) On compression molded samples.

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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 the 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 or on the web site lotader.com.

Shelf Life

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

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