LOTADER® AX8820

TECHNICAL DATA SHEET

Ethylene - Glycidyl Methacrylate copolymer

DESCRIPTION

LOTADER® AX8820 is a random copolymer of ethylene and glycidyl methacrylate, polymerized by high-pressure autoclave process.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Glycidyl Methacrylate content	4.5*	% Wt	FTIR (internal method)
Melt Index (190°C / 2.16 kg)	2*	g/10min	ISO 1133 / ASTM D1238
Melting point	107	°C	ISO 11357-3
Vicat softening temperature	88	°C	ISO 306
Density	0.93	g/cm³	ISO 1183 / ASTM D1505

* Targeted values.

APPLICATIONS

For detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

LOTADER® BY ARKEMA

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PROCESSING

CAUTION: **LOTADER® AX8820** 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® AX8820**.

STORAGE, HANDLING AND SAFETY

LOTADER® AX8820 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.

Safety data sheet as well as information on handling and storage of the **LOTADER® AX8820** is available upon request to your ARKEMA representative.

SHELF LIFE

Two 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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