LOTADER® 4613

PROVISIONAL TECHNICAL DATA SHEET

Ethylene – Acrylic Ester - Maleic Anhydride terpolymer

DESCRIPTION

LOTADER® 4613 is a random terpolymer of ethylene, acrylic ester and maleic anhydride, polymerized by high-pressure process.

PROPERTIES

Characteristics	Typical Value	Unit	Test Method
Methyl Acrylate content	24	% Wt	FTIR (internal method)
Maleic Anhydride content	0.3	% Wt	FTIR (internal method)
Melt Index (190°C / 2.16 kg)	7.0	g/10min	ISO 1133 / ASTM D1238
Melting point	98	°C	ISO 11357-3
Density	0.94	g/cm³	ISO 1183 / ASTM D1505

APPLICATIONS

LOTADER® 4613 is an **ultra-versatile** ready-to-use tie layer for extrusion coating and lamination.

LOTADER® 4613 provides excellent adhesion in direct bonding onto printed, reverse-printed and plain films (OPET, OPP, CPP, OPA).

LOTADER® 4613 is suitable for extrusion coating lamination onto foil, metallized films, paper and board.

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

LOTADER® BY ARKEMA

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PROCESSING

Standard polyolefin extrusion equipment can be used for **LOTADER® 4613**.
Recommended temperature range is from 280°C up to 310 – 320°C.

LDPE purge is recommended before extruder shut-down.

STORAGE, HANDLING AND SAFETY

LOTADER® 4613 should be stored in standard conditions and protected from UV-light. 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® 4613** 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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ARKEMA INNOVATIVE CHEMISTRY