

LOTRYL[®] 24MA07T

Ethylene – Methyl Acrylate copolymer

DESCRIPTION

LOTRYL[®] 24MA07T is a random copolymer of Ethylene and Methyl Acrylate produced by high-pressure radical polymerization process.

PROPERTIES

Characteristics	Typical Value	Unit	Test Method
Methyl Acrylate content	23-26	% Wt	FTIR (Internal method)
Melt Index (190°C / 2.16 kg)	5-9	g/10min	ISO 1133 / ASTM D1238
Density (23°C)	0.95	g/cm ³	ISO 1183 / ASTM 1505
Melting point	98	°C	ISO 11357-3
Vicat softening point (10N) ⁽¹⁾	<40	°C	ISO 306 / ASTM D1525
Elongation at break ⁽¹⁾	>500	%	ISO 527-2 / ASTM D638
Tensile strength at 500% ⁽¹⁾	5	MPa	ISO 527-2 / ASTM D638
Hardness Shore A/D ⁽¹⁾ (15s)	78/20	-	ISO 868 / ASTM D2240

⁽¹⁾ On compression molded samples.

APPLICATIONS

Due to its high methyl acrylate content, as well as suitable melt index, LOTRYL[®] 24MA07T can be used for application where softness, excellent filler acceptance and fluidity are required. Typical applications are master batch carrier resin, cable compound and modifier for engineering plastics.

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

LOTRYL® 24MA07T

PROCESSING

LOTRYL® 24MA07T can be processed with standard polyolefin equipment up to 300°C and it is recommended to purge the equipment after a run is completed. If LOTRYL® 24MA07T is used pure for instance with blown or cast film technology, standard temperature settings could be:

Zone 1	Zone 2	Zone 3	Zone 4	Fittings-Channels	Die
150 - 170°C	170°C	170°C	170°C	170°C	170°C

Final profile and settings depend on the line and multilayer structure being run.

STORAGE, HANDLING AND SAFETY

LOTRYL® 24MA07T 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 LOTRYL® 24MA07T 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.

September 2018

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