

LOTRYL[®] 28BA175T

Ethylene – Butyl Acrylate copolymer

DESCRIPTION

LOTRYL[®] 28BA175T is a random copolymer of Ethylene and Butyl Acrylate produced by high-pressure radical polymerization process.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Butyl Acrylate content	26-30	% Wt	FTIR (Internal method)
Melt Index (190°C / 2.16 kg)	150-200	g/10min	ISO 1133 / ASTM D1238
Density (23°C)	0.94	g/cm ³	ISO 1183 / ASTM1505
Melting point	102	°C	ISO 11357-3
Ring & Ball Temperature	109	°C	ASTM E28

APPLICATIONS

Due to the high butyl acrylate content, **LOTRYL[®] 28BA175T** can be used for applications where flexibility and polarity are required. Combined with a high fluidity, **LOTRYL[®] 28BA175T** is particularly recommended for the formulation of hot melt adhesives. It can also be used as processing-aid in highly filled compounds.

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

PROCESSING

LOTRYL[®] 28BA175T 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[®] 28BA175T** 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.

LOTRYL® 28BA175T

STORAGE, HANDLING AND SAFETY

LOTRYL® 28BA175T 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.

Due to its physical properties, it may be possible that the **LOTRYL® 28BA175T** shows some caking. This is particularly true during summer time.

Safety data sheet as well as information on handling and storage of the **LOTRYL® 28BA175T** is available upon request to your ARKEMA representative or on the web site lotryl.com.

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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