

LOTRYL® 35 BA 320

COPOLYMER Ethylene – Butyl Acrylate

Description

LOTRYL® 35 BA 320 is a random copolymer of ethylene and butyl acrylate, prepared by the high pressure polymerization process. Co-monomer content is 35% in weight.

Main applications

LOTRYL® 35 BA 320 is particularly recommended for the formulation of hot melt adhesives.

Typical characteristics

Characteristics	Value	Unit	Test Method
Butyl acrylate content	260-350	% wt	IRTF (internal)
Melt index (190°C / 2,16 kg)	32-37	g/10mn	ASTM D 1238 / ISO 1133

Physical properties

Characteristics	Value	Unit	Test Method
Density (23°C)	0.93	g/cm ³	ISO 1183
Melting point	65	°C	DSC
Vicat softening point (10N)	< 40	°C	ASTM D 1525 / ISO 306
Ring and ball temperature	85	°C	ASTM E 28
Elongation at break	200	%	ASTM D 638 / ISO 527
Tensile strength at break	1.5	MPa	ASTM D 638 / ISO 527
Hardness Shore A	52	-	ASTM D 2240 / ISO 868

Processing

LOTRYL® 35 BA 320 can be processed with standard polyolefin equipment up to 300°C and it is recommended to purge the equipment after a run is completed.

Packaging

LOTRYL® 35 BA 320 is available in pellet form and commonly packed in 25 kg PE bags on palettes of 1.375 tons. Other packaging can be considered (ask your Arkema's representative).

Safety

A safety data sheet as well as information on handling and storage of the **LOTRYL® 35 BA 320** is available close to your correspondent ARKEMA or on the site www.arkema.com under heading FDS/MSDS.

October 2006

The information contained in this document is based on trials carried out by our Research Centers and data selected from the literature, but shall in no event be held to constitute or imply any warranty, express or implied commitment from our part. Our formal specifications define the limit of our commitment. No liability whatsoever can be accepted by Arkema with regard to the handling, processing or use of the products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.

