

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 pallets 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.

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