

LOTRYL® 35BA320

LOTRYL® 35BA320 is a random ethylene-butyl acrylate copolymer.

- Due to the high butyl acrylate content, LOTRYL® 35BA320 can be used for applications where flexibility and polarity are required.
- Combined with a high fluidity, LOTRYL® 35BA320 is particularly recommended for the formulation of hot melt adhesives. It can also be used as processing-aid in highly filled compounds.

Typical Properties

	Test Method	Unit	Typical Value
Butyl Acrylate Content	FTIR (internal method)	%wt.	35
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	320
Melting Point	ISO 11357	°C	65
Density	ISO 1183 / ASTM D792	g/cm ³	0.94
Vicat Softening Temperature (10N) ¹	ISO 306	°C	<40
Flexural Modulus ¹	ISO 178	MPa	<10
Elongation at Break ¹	ISO 527 / ASTM D638	%	200
Tensile Strength at break ¹	ISO 527 / ASTM D638	MPa	2
Hardness Shore A (15s) ¹	ISO 868 / ASTM D2240		52
Ring & Ball Temperature	ASTM E28	°C	85

¹: On compression molded samples.

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Processing

LOTRYL® 35BA320 can be processed with standard polyolefin extrusion equipment up to 300°C and it is recommended to purge the equipment after a run is completed.

Storage, Handling & Safety

LOTRYL® 35BA320 should be stored in a ventilated area, away from heat, humidity and direct sunlight. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Due to its physical properties (Vicat temperature <40°C), it may be possible that the LOTRYL® 35BA320 shows some caking. This is particularly true during summertime.

Safety data sheet as well as information on handling and storage of the LOTRYL® 35BA320 are available upon request to your SK Functional Polymer representative or at www.sk-fp.com.

Shelf Life

Three years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.