SK functional polymer

Technical Data Sheet

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 11357-3	°C	65
Density	ISO 1183	g/cm^3	0.94
Vicat Softening Temperature (10N)[1]	ISO 306 / ASTM D1525	°C	<40
Flexural Modulus[1]	ISO 178	MPa	<10
Elongation at Break[1]	ISO 527-2 / ASTM D638	%	200
Tensile Strength at break[1]	ISO 527-2 / ASTM D638	MPa	2
Hardness Shore A[1]	ISO 868 / ASTM D2240		52
Ring & Ball Temperature	ASTM E28	°C	85

[1]: On compression molded samples.

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