

LOTRYL® 17BA07T

LOTRYL® 17BA07T is a random ethylene-butyl acrylate copolymer.

- Due to the butyl acrylate content, LOTRYL® 17BA07T can be used for applications where softness, flexibility and polarity are required.
- LOTRYL® 17BA07T can be used as tie layer in PP/PE coextrusion, in extrusion coating on many substrates, in compounds formulation and foams. It is also suitable for wires and cables application in HFFR formulations and SIOPLAST cross-linkable compound.

Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	7
Butyl Acrylate Content	FTIR (internal method)	%wt.	17
Melting Point	ISO 11357	°C	107
Density	ISO 1183		0.94
Vicat Softening Temperature (10N) ¹	ISO 306	°C	65
Tensile Strength at break ¹	ISO 527 / ASTM D638	MPa	11
Elongation at Break ¹	ISO 527 / ASTM D638	%	800
Flexural Modulus ¹	ISO 178	MPa	74
Hardness Shore A/D (15s) ¹	ISO 868 / ASTM D2240		93/33

¹: On compression molded samples.

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Processing

LOTRYL® 17BA07T 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.

If LOTRYL® 17BA07T 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.

Storage, Handling & Safety

LOTRYL® 17BA07T 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.

Safety data sheet as well as information on handling and storage of the LOTRYL® 17BA07T 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.