

LOTRYL[®] 30BA02

LOTRYL[®] 30BA02 is a random ethylene-butyl acrylate copolymer.

- Due to the high butyl acrylate content, LOTRYL[®] 30BA02 can be used for applications where flexibility and polarity are required.
- LOTRYL[®] 30BA02 can be used for polymer modification, in compounds formulations and in film applications.

Typical Properties

	Test Method	Unit	Typical Value
Butyl Acrylate Content	FTIR (internal method)	%.-wt.	30
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	2
Melting Point	ISO 11357-3	°C	75
Density	ISO 1183	g/cm ³	0.94
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	41
Flexural Modulus ¹	ISO 178 / ASTM D790	MPa	9
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	850
Tensile Strength at break ¹	ISO 527-2 / ASTM D638	MPa	6
Hardness Shore A ¹	ISO 868 / ASTM D2240		75
Ring & Ball Temperature	ASTM E28	°C	>190

¹: On compression molded samples.



Processing

LOTRYL® 30BA02 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® 30BA02 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® 30BA02 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.

