

# LOTRYL<sup>®</sup> 20MA08

LOTRYL<sup>®</sup> 20MA08 is a random ethylene-methyl acrylate copolymer.

- Due to the methyl acrylate content, LOTRYL<sup>®</sup> 20MA08 can be used for applications where softness, flexibility and polarity are required.
- Typical applications are extrusion coating, co-extrusion and compounds.

## Typical Properties

	Test Method	Unit	Typical Value
Methyl Acrylate Content	FTIR (internal method)	%wt.	20
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	8
Melting Point	ISO 11357 / ASTD D3418	°C	76
Density	ISO 1183 / ASTM D792	g/cm <sup>3</sup>	0.94
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306	°C	46
Flexural Modulus <sup>1</sup>	ISO 178	MPa	20
Elongation at Break <sup>1</sup>	ISO 527 / ASTM D638	%	800
Tensile Strength at break <sup>1</sup>	ISO 527 / ASTM D638	MPa	9
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		83

<sup>1</sup>: On compression molded samples.

## Processing

LOTRYL® 20MA08 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® 20MA08 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® 20MA08 should be stored in standard conditions and protected from 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® 20MA08 are available upon request to your SK Functional Polymer representative or at [www.sk-fp.com](http://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.