Technical Data Sheet
Date Prepared: March 2020

LOTRYL® 24MA02T

LOTRYL® 24MA02T is a random ethylene-methyl acrylate copolymer.

- Due to the high methyl acrylate content, LOTRYL® 24MA02T can be used for applications where softness, flexibility and polarity are required.
- Typical applications are flexible film, polyesters modification, masterbatch carrier resin and cable compounds

Typical Properties

	Test Method	Unit	Typical Value
Methyl Acrylate Content	FTIR (internal method)	%.-wt.	24
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	2
Melting Point	ISO 11357-3	°C	95
Density	ISO 1193 / ASTM D150	g/cm^3	0.93
Vicat Softening Temperature (10N)[1]	ISO 306 / ASTM D1525	°C	40
Flexural Modulus[1]	ISO 178 / ASTM D790	MPa	17
Elongation at Break[1]	ISO 527-2 / ASTM D638	%	800
Tensile Strength at Break[1]	ISO 527-2 / ASTM D638	MPa	12
Hardness Shore A/D[1]	ISO 868 / ASTM D2240		81/24

[1]: On compression molded samples.

Processing

LOTRYL® 24MA02T can be processed with standard extrusion polyolefin equipment up to 300°C and it is recommended to purge the equipment after a run is completed.

If LOTRYL® 24MA02T 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® 24MA02T 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, it may be possible that the LOTRYL® 24MA02T shows some caking. This is particularly true during summer time.

Safety data sheet as well as information on handling and storage of the LOTRYL® 24MA02T are available upon request to your SK Functional Polymer representative.

Shelf Life

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