Lotryl® 20MA08

Ethylene Methyl Acrylate Copolymer

Arkema

Message:

LOTRYL® 20MA08 is a random copolymer of Ethylene and Methyl Acrylate produced by high-pressure radicalar polymerization process.
Applications
Due to the methyl acrylate content, LOTRYL® 20MA08 can be used for applications where softness, flexibility and polarity are required. Typical applications are extrusion coating, coextrusion and compounds.

General Information	
Features	Good Flexibility Random Copolymer Soft
Uses	Coating Applications Compounding
Processing Method	Blown Film Cast Film Coextrusion Compounding Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0 to 9.0	g/10 min	ASTM D1238, ISO 1133
Methyl Acrylate Content	18.0 to 22.0	wt%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, Compression Molded)	83		ASTM D2240, ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break, Compression Molded)	9.00	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break, Compression Molded)	800	%	ASTM D638, ISO 527-2
Flexural Modulus (Compression Molded)	20.0	MPa	ASTM D790, ISO 178
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	46.0	°C	ISO 306/A, ASTM D1525 [1]
Melting Temperature	76.0	°C	ISO 11357-3
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	150 to 170	°C	

Cylinder Zone 2 Temp.	170	°C
Cylinder Zone 3 Temp.	170	°C
Cylinder Zone 4 Temp.	170	°C
Die Temperature	170	°C

NOTE	
1.	Loading 1 (10 N)

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China