Greenflex® MQ 40 F

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

Message:

Greenflex MQ 40 F is an ethylene vinyl acetate copolymer (EVA) for injection moulding and compounding.
Greenflex MQ 40 F combines high fluidity and high elasticity.
Main Application
Greenflex MQ 40 F is recommended for injection moulding of gaskets, ski sticks rounds, foamed and crosslinked articles.

General Information	
Features	Copolymer Crosslinkable Foamable Food Contact Acceptable High Elasticity High Flow
Uses	Compounding Foam Gaskets Sporting Goods
Agency Ratings	EU Food Contact, Unspecified Rating
Forms	Pellets
Processing Method	Compounding Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ISO 1133
Vinyl Acetate Content	19.0	wt%	Internal Method
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore A, Injection Molded	89		
Shore D, Injection Molded	33		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, Injection Molded)	4.00	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	40.0	MPa	ISO 178
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -80.0	°C	ASTM D746

Vicat Softening Temperature	56.0	°C	ISO 306/A
Melting Temperature	83.0	°C	Internal Method

Injection	Nominal Value	Unit
Processing (Melt) Temp	140 to 200	°C
Mold Temperature	10.0 to 30.0	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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