

Greenflex® ML 60

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

Message:

Greenflex ML 60 is an ethylene vinyl acetate copolymer (EVA) for injection moulding, compounding and extrusion.

Main Application

Greenflex ML 60 is recommended for the production of foamed and crosslinked sheets for shoes and gasket.

General Information			
Features	Copolymer Crosslinkable Foamable Food Contact Acceptable		
Uses	Compounding Foam Footwear Gaskets Sheet		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding Extrusion Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A, Injection Molded	75		
Shore D, Injection Molded	32		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	3.00	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	10.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	44.0	°C	ISO 306/A

Melting Temperature	74.0	°C	Internal Method
Injection	Nominal Value	Unit	
Processing (Melt) Temp	140 to 190	°C	
Mold Temperature	10.0 to 30.0	°C	

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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

