

Greenflex® MP 34

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

Message:

Greenflex MP 34 is an ethylene vinyl acetate copolymer (EVA) for injection moulding and compounding applications.

Main Application

Greenflex MP 34 is recommended for the production of articles with high degree of elasticity like gaskets and foamed caps for wine.

General Information			
Features	Copolymer		
	Foamable		
	Food Contact Acceptable		
	High Elasticity		
Uses	Caps		
	Compounding		
	Foam		
	Gaskets		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Vinyl Acetate Content	9.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A, Injection Molded	95		
Shore D, Injection Molded	40		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	7.00	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	90.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	70.0	°C	ISO 306/A
Melting Temperature	95.0	°C	Internal Method
Injection	Nominal Value	Unit	

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