Greenflex® MP 34 F

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

Message:

Greenflex MP 34 F is an ethylene vinyl acetate copolymer (EVA) for injection moulding and compounding applications.
Main Application
Greenflex MP 34 F 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/cm³	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**	

Processing (Melt) Temp	140 to 200	°C

Recommended distributors for this material

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