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	9.0	a/10 min	ISO 1122
kg)	9.0	g/10 min	ISO 1133
kg) Vinyl Acetate Content	9.0	wt%	Internal Method
kg) Vinyl Acetate Content Hardness			Internal Method Test Method
kg) Vinyl Acetate Content Hardness Shore Hardness	9.0 Nominal Value	wt%	Internal Method
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded	9.0 Nominal Value	wt%	Internal Method Test Method
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded	9.0 Nominal Value 95 40	wt% Unit	Internal Method Test Method ISO 868
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical	9.0 Nominal Value	wt%	Internal Method Test Method ISO 868 Test Method
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical Tensile Stress (Yield, Injection Molded)	9.0 Nominal Value 95 40 Nominal Value	wt% Unit Unit	Internal Method Test Method ISO 868
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical	9.0 Nominal Value 95 40 Nominal Value 7.00	wt% Unit Unit MPa	Internal Method Test Method ISO 868 Test Method ISO 527-2
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical Tensile Stress (Yield, Injection Molded) Flexural Modulus (Injection Molded) Thermal	9.0 Nominal Value 95 40 Nominal Value 7.00 90.0	Unit Unit MPa MPa	Internal Method Test Method ISO 868 Test Method ISO 527-2 ISO 178
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical Tensile Stress (Yield, Injection Molded) Flexural Modulus (Injection Molded) Thermal Brittleness Temperature	9.0 Nominal Value 95 40 Nominal Value 7.00 90.0 Nominal Value	Wt% Unit Unit MPa MPa Unit	Internal Method Test Method ISO 868 Test Method ISO 527-2 ISO 178 Test Method
kg) Vinyl Acetate Content Hardness Shore Hardness Shore A, Injection Molded Shore D, Injection Molded Mechanical Tensile Stress (Yield, Injection Molded) Flexural Modulus (Injection Molded)	9.0 Nominal Value 95 40 Nominal Value 7.00 90.0 Nominal Value < -80.0	wt% Unit Unit MPa MPa Unit C	Internal Method Test Method ISO 868 Test Method ISO 527-2 ISO 178 Test Method ASTM D746

Processing (Melt) Temp

140 to 200

°C

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