

# Greenflex® MP 35 F

Ethylene Vinyl Acetate Copolymer

Versalis S.p.A.

## Message:

Greenflex MP 35 F is an ethylene vinyl acetate copolymer (EVA) for injection moulding and extrusion.

Greenflex MP 35 F is an easy flowing material and provides very high elasticity.

### Main Application

Greenflex MP 35 F is recommended for the production of articles requiring a high degree of elasticity, such as flippers.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Flow		
	High Elasticity		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Vinyl Acetate Content	12.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A, Injection Molded	94		
Shore D, Injection Molded	37		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	5.00	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	70.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	61.0	°C	ISO 306/A
Melting Temperature	92.0	°C	Internal Method
Injection	Nominal Value	Unit	
Processing (Melt) Temp	140 to 200	°C	
Mold Temperature	10.0 to 30.0	°C	

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Recommended distributors for this material

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