

Technical data sheet

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GREENFLEX®

EVA

HN 70

Ethylene vinyl acetate copolymer

Greenflex HN 70 is an ethylene vinyl acetate copolymer (EVA) for compounding.
Greenflex HN 70 is a medium fluidity grade with high tack.

Main Application

Greenflex HN 70 is recommended as base component for hot melt adhesives used in packaging, bookbinding, assembly and woodworking.

Main Properties

Resin Properties

	Value	Unit	Test Method
Melt Flow Rate (190 °C/2,16 kg)	6	g/10min	ISO 1133
Vinyl acetate content	28	%	Internal method
Density	0,952	g/cm ³	ISO 1183
Melting Point	70	°C	Internal method
Brittleness temperature	< -80	°C	ASTM D 746
Vicat softening point (1 kg)	41	°C	ISO 306/A

Mechanical Properties *

	Value	Unit	Test Method
Tensile stress at yield	3	MPa	ISO 527
Tensile stress at break	-	MPa	ISO 527
Elongation at break	> 400	%	ISO 527
Flexural modulus	20	MPa	ISO 178
Hardness Shore A	75	Shore A	ISO 868 A
Hardness Shore D	31	Shore D	ISO 868 A

(*) Values are referred to injection moulded specimens. Actual properties are typical and may vary depending upon operating conditions.