

Technical data sheet

www.versalis.eni.com

GREENFLEX®

EVA

ML 30

Ethylene vinyl acetate copolymer

Greenflex ML 30 is an ethylene vinyl acetate copolymer (EVA) for injection moulding and profile extrusion. Items produced with Greenflex ML 30 shows good ESCR resistance and elasticity.

Main Application

Greenflex ML 30 is recommended for the production of gaskets, especially if food contact is required, profiles and flexible items.

Main Properties

Resin Properties

	Value	Unit	Test Method
Melt Flow Rate (190 °C/2,16 kg)	2,5	g/10min	ISO 1133
Vinyl acetate content	9	%	Internal method
Density	0,929	g/cm ³	ISO 1183
Melting Point	97	°C	Internal method
Brittleness temperature	< -80	°C	ASTM D 746
Vicat softening point (1 kg)	72	°C	ISO 306/A

Mechanical Properties *

	Value	Unit	Test Method
Tensile stress at yield	6	MPa	ISO 527
Tensile stress at break	-	MPa	ISO 527
Elongation at break	-	%	ISO 527
Flexural modulus	90	MPa	ISO 178
Hardness Shore A	94	Shore A	ISO 868 A
Hardness Shore D	42	Shore D	ISO 868 A

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