

Arkema Group Evatane® 1003 VN 4 Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

EVA copolymer made by high pressure tubular process. Applications Grade for transparent and thermal agricultural film for greenhouse coverage.ISO data provided by the manufacturer, Arkema.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Evatane-1003-VN-4-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in ³	
Melt Flow	0.45 g/10 min @Load 2.16 kg, Temperature 190 °C	0.45 g/10 min @Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	6.00 MPa	870 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Tensile Modulus	0.0800 GPa	11.6 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	93.0 °C	199 °F	10°C/min
Vicat Softening Point	73.0 °C	163 °F	50°C/hr; 50N

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. reports 'Transparent' but doesn't quantify.

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