

Arkema Group Evatane® 1005 VL 2C 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. Anti-UV stabilized grade. Applications Grade for thermal agricultural films to 180 at 200 µ with diffusing effect, 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-1005-VL-2C-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	
Melt Flow	0.66 g/10 min @Load 2.16 kg, Temperature 190 °C	0.66 g/10 min @Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	10.0 MPa	1450 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	Nominal Strain; 50 mm/min
Tensile Modulus	0.160 GPa	23.2 ksi	1 mm/min

Thermal Properties	Metric	English	Comments
Melting Point	104 °C	219 °F	10°C/min
Vicat Softening Point	88.0 °C	190 °F	50°C/hr; 50N

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