

Fainplast Compounds EVAtech 803S Ethylene Vinyl Acetate Foam

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

EVA (ethylene-vinyl acetate) designed for the production of crosslinked expanded products using injection technology. Information provided by Fainplast Compounds

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-EVAtech-803S-Ethylene-Vinyl-Acetate-Foam.php

Physical Properties	Metric	English	Comments
Density	0.320 - 0.380 g/cc	0.0116 - 0.0137 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	64 - 70	64 - 70	ASTM D2240
Tensile Strength at Break	>= 3.60 MPa	>= 522 psi	ISO 527
Elongation at Break	>= 380 %	>= 380 %	ISO 527

Thermal Properties	Metric	English	Comments
CTE, linear	140 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	77.8 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
Shrinkage	<= 2.0 % @Temperature 70.0 $^{\circ}\text{C}$, Time 86400 sec	<= 2.0 % @Temperature 158 $^{\circ}\text{F}$, Time 24.0 hour	

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 190 $^{\circ}\text{C}$	356 - 374 $^{\circ}\text{F}$	
Shelf Life	3.00 Month	3.00 Month	Moisture absorption after extended storage

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