

Fainplast Compounds EVAtech 807I 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-807I-Ethylene-Vinyl-Acetate-Foam.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------|--------------------------------------|----------|
| Density | 0.180 - 0.240 g/cc | 0.00650 - 0.00867 lb/in ³ | ISO 1183 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------|------------|------------|
| Hardness, Shore C | 57 - 63 | 57 - 63 | ASTM D2240 |
| Tensile Strength at Break | >= 2.50 MPa | >= 363 psi | ISO 527 |
| Elongation at Break | >= 320 % | >= 320 % | ISO 527 |

| Thermal Properties | Metric | English | Comments |
|--------------------|---|--|----------|
| CTE, linear | 160 µm/m-°C | 88.9 µin/in-°F | |
| Shrinkage | <= 2.0 % @Temperature 70.0 °C, Time 86400 sec | <= 2.0 % @Temperature 158 °F, Time 24.0 hour | |

| Processing Properties | Metric | English | Comments |
|------------------------|--------------|--------------|--|
| Processing Temperature | 180 - 190 °C | 356 - 374 °F | |
| Shelf Life | 3.00 Month | 3.00 Month | Moisture absorption after extended storage |

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