



Prime Engineering and Commodity Thermoplastic Resins

EVA 3012 EVA Copolymer

Description: EVA 3012 is commonly used for high quality microcellular crosslinked foam applications.

Processing Info: It is recommended that the melt temperature be kept below 210°C as EVA is known to degrade at higher temperatures.

Physical Properties	Typical Values	Test Method(s)
Density	0.934	D-1505
Melt Flow Rate – g/10 min (190°C/2.16kg)	3.0	D-1238
Vinyl Acetate - %	12	PTM-39
DSC Melting Point - C°	97	D-3418
Vicat Softening Point - C°	75	D-1525
Tensile Strength at Break MD– psi	2,320	D-638
Tensile Strength at Break TD– MPa	16	D-638
Elongation at Break MD– %	730	D-638
Elongation at Break TD– %	730	D-638
Flexural Modulus – MPa	82	D-790

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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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