



Prime Engineering and Commodity Thermoplastic Resins

## EVA 0309      EVA Copolymer

**Description:** EVA 0309 is a multi-purpose resin commonly used for flexible packaging coextrusion to provide superior sealability, optical and strength, high quality microcellular crosslinked foam, extrusion, injection molding and tubing applications.

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

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Density	0.931	D-1505
Melt Flow Rate – g/10 min (190°C/2.16kg)	2.8	D-1238
Vinyl Acetate - %	9.0	PTM-39
DSC Melting Point - C°	101	D-3418
Vicat Softening Point - C°	81	D-1525
Tensile Strength at Break MD– psi	2,470	D-638
Tensile Strength at Break TD– psi	2,610	D-638
Elongation at Break MD– %	400	D-638
Elongation at Break TD– %	600	D-638
Flexural Modulus (1% Secant) – psi	14,650	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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