



Prime Engineering and Commodity Thermoplastic Resins

## EVA 0718      EVA Copolymer

**Description:** EVA 0718 is commonly used for film extrusion and coextrusion with other polymers where superior strength and good heat seal characteristics are required..

**Processing Info:** It is recommended that the melt temperature be kept below 210°C as decomposition can occur at higher temperatures.

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Density	0.940	D-1505
Melt Flow Rate – g/10 min (190°C/2.16kg)	0.7	D-1238
Vinyl Acetate - %	18	PTM-39
DSC Melting Point - C°	85	D-3418
Vicat Softening Point - C°	61	D-1525
Tensile Strength: (MD/TD)		D-882 Method A (500 mm/min)
@ Yield – MPa	4/4	
@ Break – MPa	27/27	
Elongation - %	420/500	
Dart Impact Strength (f50) – g/25µm	>750	D- 1709
Haze - %	11	D-1003
45° Gloss	50	
Additives	Antioxidant	

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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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