



Prime Engineering and Commodity Thermoplastic Resins

EVA 0218 EVA Copolymer

Description: EVA 0218 is commonly used for coextrusion due to its superior sealability and strength.

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

| Physical Properties | Typical Values | Test Method(s) |
|---|-----------------------|-----------------------|
| Density | 0.937 | D-1505 |
| Melt Flow Rate – g/10 min (190°C/2.16kg) | 1.6 | D-1238 |
| Vinyl Acetate - % | 18 | PTM-39 |
| DSC Melting Point - C° | 88 | D-3418 |
| Vicat Softening Point - C° | 64 | D-1525 |
| Tensile Strength at Break MD – psi | 3,920 | D-638 |
| Tensile Strength at Break TD – psi | 4,210 | D-638 |
| Elongation at Break – % | 440 | D-638 |
| Flexural Modulus – psi | 6,960 | 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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