

**Ateva® 1241****EVA COPOLYMER****Product Description**

This resin is commonly used for the production of molded and extruded flexible packaging products and similar goods.

| Resin Properties            | Typical Value | SI Unit           | Imperial | Unit              | Test Method                  |
|-----------------------------|---------------|-------------------|----------|-------------------|------------------------------|
| Vinyl Acetate               | 12            | %                 | 12       | %                 | PTM-39                       |
| Melt Index (190 °C/2.16 kg) | 10            | g/10 min.         | 10       | g/10 min.         | ASTM D1238                   |
| Density                     | 932           | kg/m <sup>3</sup> | 0.932    | g/cm <sup>3</sup> | ASTM D1505 ASTM D1928 Proc A |
| Antioxidant                 | No            |                   | No       |                   |                              |

**Thermal Properties**

|                       |    |    |     |    |            |
|-----------------------|----|----|-----|----|------------|
| DSC Melting Point     | 95 | °C | 203 | °F | ASTM D3418 |
| Vicat Softening Point | 72 | °C | 162 | °F | ASTM D1525 |

**Molded Plaque Properties**

|                           |     |     |      |     |                              |
|---------------------------|-----|-----|------|-----|------------------------------|
| Tensile Strength at Break | 13  | MPa | 1890 | psi | ASTM D638 Type IV (50mm/min) |
| Elongation at Break       | 710 | %   | 710  | %   |                              |
| Hardness - Shore A        | 95  | --  | 95   | --  | ASTM D2240                   |
| Hardness - Shore D        | 40  | --  | 40   | --  |                              |

**Processing Information**

This polymer may be processed on conventional extrusion equipment. It is recommended that the melt temperature be kept below 210°C as EVA is known to degrade at higher temperatures.

**Regulatory Compliance**

Contact Celanese Customer Service for information about food contact or other regulatory compliance.