

**Ateva® 1608****EVA COPOLYMER****Product Description**

This is a multi-purpose resin commonly used for compounding, injection molding, and tubing applications.

| Resin Properties            | Typical Value | SI Unit           | Imperial | Unit              | Test Method                  |
|-----------------------------|---------------|-------------------|----------|-------------------|------------------------------|
| Vinyl Acetate               | 16.3          | %                 | 16.3     | %                 | PTM-39                       |
| Melt Index (190 °C/2.16 kg) | 8.4           | g/10 min.         | 8.4      | g/10 min.         | ASTM D1238                   |
| Density                     | 938           | kg/m <sup>3</sup> | 0.938    | g/cm <sup>3</sup> | ASTM D1505 ASTM D1928 Proc A |
| Antioxidant                 | No            |                   | No       |                   |                              |

**Thermal Properties**

|                       |    |    |     |    |            |
|-----------------------|----|----|-----|----|------------|
| DSC Melt Temp         | 90 | °C | 194 | °F | ASTM D3418 |
| Vicat Softening Point | 63 | °C | 145 | °F | ASTM D1525 |

**Molded Plaque Properties**

|                           |     |     |      |     |                              |
|---------------------------|-----|-----|------|-----|------------------------------|
| Tensile Strength at Break | 15  | MPa | 2180 | psi | ASTM D638 Type IV (50mm/min) |
| Elongation at Break       | 750 | %   | 750  | %   |                              |
| Hardness - Shore A        | 92  | --  | 92   | --  | ASTM D2240                   |
| Hardness - Shore D        | 36  | --  | 36   | --  |                              |

**Processing Information**

This polymer may be processed on conventional extrusion equipment. It is recommended that the melt temperature be kept below 210°C as decomposition can occur at higher temperatures.

**Regulatory Compliance**

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