

Escor™ 5080

Ethylene Acrylic Acid Copolymer Resin

Product Description

Escor™ 5080 resin is an ethylene acrylic acid copolymer characterized by high melt index and 10 wt% acrylic acid comonomer content. Escor™ 5080 resin easily combines processing and adhesion to polar materials. It can be formulated and UV-stabilized for use in outdoor applications.

General

| | | | |
|--------------|--|--|--------------------------|
| Additive | ▪ Antiblock: No | ▪ Slip: No | ▪ Thermal Stabilizer: No |
| Applications | ▪ Adhesive Applications ▪ Heat Seal Layer | ▪ Masterbatch Base Resin ▪ Powder Coating to Polar Substrates | |

| Resin Properties | Typical Value (English) | Typical Value (SI) | Test Based On |
|---|-------------------------|-------------------------|-------------------|
| Density | 0.937 g/cm ³ | 0.937 g/cm ³ | ASTM D1505 |
| Melt Index ² (190°C/2.16 kg) | 30 g/10 min | 30 g/10 min | ASTM D1238 |
| Acrylic Acid Content | 10 wt% | 10 wt% | ExxonMobil Method |
| Peak Melting Temperature | 203 °F | 95 °C | ExxonMobil Method |

| Thermal | Typical Value (English) | Typical Value (SI) | Test Based On |
|-----------------------------|-------------------------|--------------------|---------------|
| Vicat Softening Temperature | 161 °F | 71 °C | ASTM D1525 |

