

Technical Information

IONIA™ 2151

Ionomer

Introduction

IONIA™ 2151 Ionomer is an ethylene acrylic acid based ionomer, designed for sheet extrusion and injection molding applications

Ion Type:

- Zinc Ionomer

Typical Properties¹⁾

| | | Nominal Values | | Test Method |
|----------|-----------------------------|------------------------|------------------------|-------------------------|
| Physical | Density | 0.97 g/cm ³ | 0.97 g/cm ³ | ASTM D792 ISO 1183 |
| | Melt Index (2.16 kg @190°C) | 0.8 g/10min | 0.8 g/10min | ASTM D1238 ISO 1133 |
| Thermal | Vicat Softening Point | 147 °F | 64 °C | ASTM D1525 ISO 306/A |
| | Melting Point (DSC) | 194 °F | 90 °C | SK Method |

Processing Information

IONIA™ 2151 Ionomer is typically processed at melt temperature range of 180-290 °C
Processing temperature will be determined by the specific equipment used and the target application

Extrusion Notes

Equipment used to process this resin should be constructed of corrosion resistant material.
Dies and adaptors are recommended to be stainless steels and/or duplex chrome and nickel plated.

¹⁾ Typical properties: these are not to be construed as specifications

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For additional information on sales, orders and technical assistance