

SK IONIA 2150

Ionomer

Description

SK IONIA 2150 is an ionomer of ethylene acrylic acid copolymer, and is designed for blown and cast for flexible packaging applications. SK IONIA 2150 can provide excellent toughness at low temperature, very high hot tack and abrasion resistance.

Ion type

- Zinc Ionomer.

Typical Properties¹⁾

		Nominal Values		Test Method
Physical	Density	0.950 g/cm ³	0.950 g/cm ³	ASTM D792
	Melt Index (2.16 kg @190°C)	0.9 g/10min	0.9 g/10min	ASTM D1238
Thermal	Vicat Softening Point	147 °F	64 °C	ASTM D1525
	Melting Point (DSC)	194 °F	90 °C	SK Method
Optical	Haze	2 %	2 %	ASTM D1003

Processing Information

Fabrication Conditions for Blown Film:

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.

Extrusion Notes

- Screw Size: A and B=2.5 in.(64 mm), C=2 in.(51 mm); 30:1 L/D Size
- Screw Type: A=HS, B=DSBII, C=SFSM
- Die Gap: 70 mil (1.78 mm)
- Melt Temperature: A and B=440 °F (227 °C), C=470 °F (243 °C)
- Output: 10 lb/hr/in. circumference
- Die Diameter: 8 in.
- Blow-Up Ratio: 2.5:1
- Screw Speed: 45 rpm
- Frost Line Height: 30 in.(762 mm)

¹⁾ Typical properties: these are not to be construed as specifications. The physical properties are highly dependent on the manufacturing conditions. Customers should confirm performances by their own tests.

For additional sales, order and technical assistance

e-mail inquiry_polymer@sk.com

Asia Pacific

Shanghai (Main Office)	+86-21-6197-0243
Shanghai (TS&D)	+86-21-6105-2139
Seoul	+82-2-2121-6903
Tokyo	+81-80-2254-3076

South East Asia / Australia

Singapore	+65-6671-1566
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North America

Houston	+1-281-900-1596
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Europe

Frankfurt	+49-6967738103
Madrid	+34-609312846

Middle East / Africa

Dubai	+971-4-252-5277
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