



# Product Data Sheet

<b>ICORENE®</b> CX-1503	<b>Density</b>	0.939	g/cc
Semi-Conductive PE rotational molding resin	<b>MFI</b>	N/A	g/10 min

## PRODUCT DESCRIPTION

ICORENE® CX-1503 is a cross-linkable, semi-conductive polyolefin compound that combines the permanent anti-static behavior reminiscent of C-517 and C-420 with the unique flame resistance and toughness of our ICORENE® 1503 crosslink powders.

## KEY CHARACTERISTICS

- Excellent surface and volume resistivity
- High melt flow
- Cross-linkable polyethylene
- UV stability
- Low warpage
- Excellent toughness

## PHYSICAL PROPERTIES

PROPERTY NAME <sup>(1)</sup>	TEST METHOD	UNIT	VALUE
Melt Index (190°C / 2.16 kg)	ASTM D1238	g/10 min	N/A
Density	ASTM D1505	g/cc	0.939
Flexural Modulus (1% Secant)	ASTM D1790	MPa	689
Tensile Strength (Yield)	ISO R 52	MPa	21
Typical Surface Resistance (1/8 " specimen)	IEC 61340-2-3	Kilo Ohms	100
Typical Surface Resistivity	IEC 61340-2-3	Kilo Ohms/square	1,000
Typical Volume Resistance (1/8 " specimen)	IEC 61340-2-3	Kilo Ohms	100
Typical Volume Resistivity	IEC 61340-2-3	Kilo Ohms*cm	2,300
Low Temp Impact (1/8" specimen)	ARM low temp impact	ft*lbs	58
Hardness, Shore D	ASTM D2240		55-59

(1) The values indicated in the table describe typical properties; they do not constitute specification limits.

For further information on this or any other ICO Polymers product contact your local ICO Polymers account manager or visit [www.icopolymers.com](http://www.icopolymers.com).

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