

# ICORENE® C-517B

Polyethylene Copolymer

ICO Polymers NA, A Division of A. Schulman

## Message:

ICORENE® C-517B is designed for rotational molding applications where the final part is to be used in statically sensitive environments. C-517B is a permanent semi-conductive polyolefin compound that has excellent surface and volume resistivity to dissipate static charges, and is fully UV stabilized with good flow and impact properties.

General Information			
Additive	UV Stabilizer		
Features	Good Processability		
	Good Toughness		
	Good UV Resistance		
	High Flow		
	High Impact Resistance		
	Low Warpage		
	Semi Conductive		
Appearance	Black		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2
Flexural Modulus - 1% Secant	560	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+6	ohms	IEC 61340-2-3
Volume Resistivity	< 2.3E+6	ohms·cm	IEC 61340-2-3
Surface Resistance	< 100000	ohms	IEC 61340-2-3
Volume Resistance	< 100000	ohms	IEC 61340-2-3

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