

## Conductive Hinged Containers Value Line

	Typical Values	Test Method
<b>Electrostatic</b>		
Surface Resistivity	<10 <sup>5</sup> ohm/sq.	ASTM D 257-78
Surface Resistance	<10 <sup>4</sup> ohms	EOS/ESD-11.11-1991
Volume Resistancy	<100 ohm-cm	ASTM D 991-83
Static Decay	<0.10 second	EIA-541, Apx F*
<b>Physical:</b>		
Specific Gravity	1.02	ASTM D 792
Water Absorption % 24hrs @23°C	0.01 lbs./ft <sup>2</sup>	ASTM D 570
Impact Strength, IZOD: notched	1.2 ft lbs/in	ASTM D 256
	unnotched 7 ft lbs/in	
Load Deflection Temp. @ 264 psi	210°F	ASTM D 648
	@ 66 psi 220°F	
Thermal Conductivity	1.8 BTU/hr/ft <sup>2</sup> /F/in	ASTM C 177
Flammability	<1.5 in/min	ASTM D 635
<b>Chemical Resistance:</b>		
Dilute Acids	Excellent	
Dilute Alkalines	Excellent	
Concentrated Alkalines	Excellent	
Saline Solutions	Excellent	
Alcohol	Excellent	
Ketones	Excellent	
Detergents & Soaps	Excellent	
Concentrated Acids	Good	
Oil & Gasoline	Fair	
Aromatic Hydrocarbons	Fair	
Aliphatic Hydrocarbons	Fair	
Paint Solvents	Poor	

\* Federal Test Standard-101C, Method 4046.1, as described in EIA-541, Appendix F



This document is prepared for our customers as a service and is to the best of our knowledge true & accurate. However, it is understood & agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.