



TYPICAL PROPERTIES & SPECIFICATIONS SHEET

conductive containers, inc.

DESCRIPTION: Permanent Foam
Dissipative Crosslink PE

APPLICATION: Long-Term Use

CCI PART NUMBER: SDFM | LD30

PROPERTY	VALUE (U.S.)	TEST METHOD
Color	Black	Visual
Volume Resistance	10 ⁴ -10 ⁹ Ohms/cm	ANSI/ESD STM 11.12-2021
Surface Resistance	10 ⁴ -10 ⁹ Ohms/sq	ANSI/ESD STM 11.11-2022
Apparent Density	1.87 lbs/ft ³	BS EN ISO 7214:2012
Cell Size	0.016 in	Internal
Compression Stress @ 25%	11.458 psi	BS EN ISO 7214:2012
Compression Stress @ 50%	21.46 psi	BS EN ISO 7214:2012
Tensile Strength	56.13 psi	BS EN ISO 7214:2012
Tensile Elongation	64%	BS EN ISO 7214:2012
Compression Set (25%, 22 hr, 73 °F)		
30 min Recovery	10%	BS EN ISO 7214:2012
1 hour Recovery	5%	BS EN ISO 7214:2012
Shore Hardness	61 00	BN EN ISO 868:2003
Max Operating Temp*	203 °F	Internal

* Recommended maximum operating temperature

All values are for pre-formed materials. Electrical values will vary with each individual design.

All information, recommendations and suggestions appearing in this bulletin concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Conductive Containers, Inc. as to the effects of such use or the results to be obtained, nor does Conductive Containers, Inc. assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable, when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.