

DB-1080 ACOUSTIC FOAM

TDS No. DB-1080
Effective Date: 05/04/2009

Description:

GENERAL

DB-1080 is a halogen free, polyether-polyurethane foam.

APPLICATIONS

DB-1080 is designed for acoustical damping in hard disk drive applications.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Foam Density	ASTM D3574	4.5 lb/ft ³
50%R CLD	ASTM D3574	1.2 PSI
50% Compression Set	ASTM D3574	<10%
Foam Thermal Conductivity (@85°C, in air under 70% compression)	ASTM C-177	0.054 W/m-K
Flammability Rating	UL 94	HF-1
Surface Resistivity (Foam)	ASTM D257	21°C (3.1 x 10 ¹² Ω/cm ²) 85°C (7.5 x 10 ¹¹ Ω/cm ²)

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)

S. I.: International System of Units

UL: Underwriters Laboratories Inc. (U.S.A.)

Note: All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2016 Brady Worldwide, Inc. | All Rights Reserved
Material may not be reproduced or distributed in any form without written permission.

