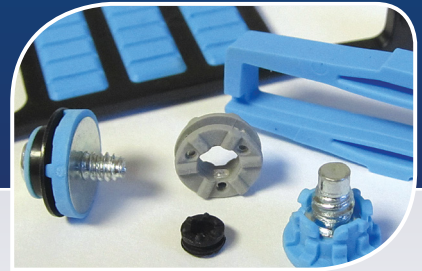




ISODAMP™ C-8000 SERIES

Material Summary Sheet 51



Offering solutions for a wide range of applications such as...

Computer & Peripheral
Server/Data Center
Smartphone & Tablet
IoT Devices

ISODAMP™ C-8000 SERIES

- Highly damped thermoplastic molded products for noise, shock and vibration control
- RoHS Compliant
- Non-halogenated
- Listed UL 94 V-0 flame rating
- Available in durometers from 40 to 88 Type A

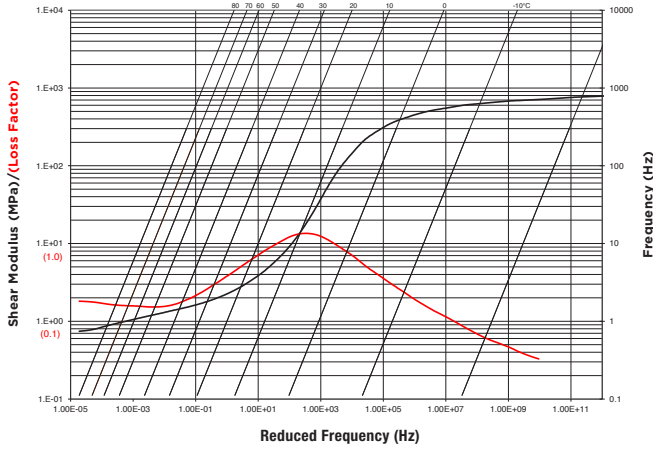
TYPICAL PROPERTIES				
PROPERTY	C-8012	C-8002	C-8070	C-8130
Description	TPE Solid Thermoplastic	TPE Solid Thermoplastic	TPE Solid Thermoplastic	TPE Solid Thermoplastic
Hardness ASTM D2240 Type A Durometer 23C (73F) 15 sec impact	40	51	70	88
Compression Load Deflection kPa (psi) ASTM D575 at 0.51 cm/min (0.2 in/min) 10% kPa (psi)	324 (47)	455 (66)	951 (138)	3619 (525)
20% kPa (psi)	627 (91)	883 (128)	1799 (261)	6494 (942)
30% kPa (psi)	958 (139)	1358 (197)	2799 (406)	9087 (1318)
Compression Set (%) ASTM D395 Method B 22 hr at 22C (72F)	12	15	15	35
22 hr at 70C (158F)	100	99	98	90
Tensile Strength kPa (psi) ASTM D412	3309 (480)	5309 (770)	10059 (1459)	11279 (1636)
Tear Strength kN/m (lbf/in) ASTM D624	18 (100)	25 (141)	50 (285)	72 (410)
Temperature Range C Peak Damping Performance Temperature Range				
@ 10 Hz	-26 to 22	-6 to 37	4 to 42	5 to 27
@ 100 Hz	-19 to 35	-2 to 50	8 to 53	10 to 34
@ 1000 Hz	-13 to 55	4 to 71	14 to 68	16 to 41
Flammability* UL 94	Listed V-0 @ 6.0 mm	Listed V-0 @ 3.4 mm Blue @ 4.0 mm Gray @ 5.6 mm Black	Listed V-0 @ 3.0 mm	Listed V-0 @ 3.5 mm
RoHS Compliant	Yes	Yes	Yes	Yes
Halogen Free*	Yes	Yes	Yes	Yes

The above technical information and data should be considered representative or typical only and should not be used for specification purpose.

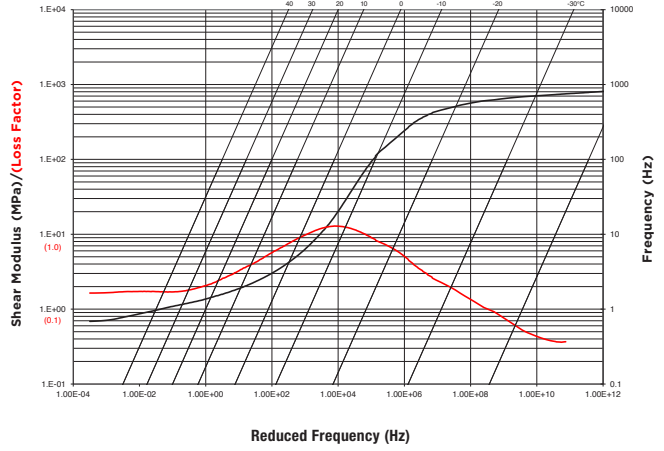
*For flammability information on additional thicknesses, please contact Customer Service.

**Halogen-free per IEC 61249-2-21.

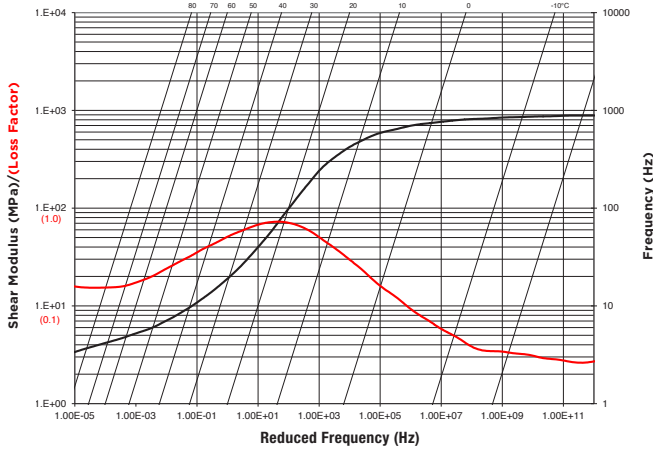
C-8002



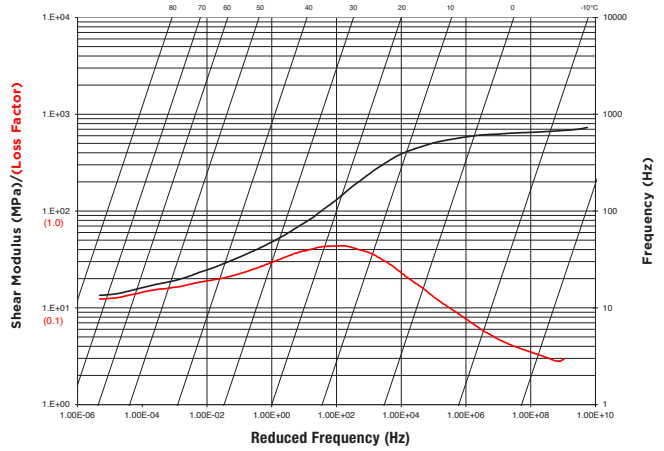
C-8012



C-8070



C-8130



Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that Aearo Technologies LLC believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond Aearo's control and uniquely within user's knowledge and control can affect the use and performance of an Aearo Technologies LLC product in a particular application. Given the variety of factors that can affect the use and performance of an Aearo Technologies LLC product, user is solely responsible for evaluating the Aearo Technologies LLC product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable Aearo Technologies LLC product packaging or product literature, Aearo Technologies LLC warrants that each Aearo Technologies LLC product meets the applicable Aearo Technologies LLC product specification at the time Aearo Technologies LLC ships the product. Aearo Technologies LLC MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the Aearo Technologies LLC product does not conform to this warranty, then the sole and exclusive remedy is, at Aearo Technologies LLC's option, replacement of the Aearo Technologies LLC product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, Aearo Technologies LLC will not be liable for any loss or damage arising from the Aearo Technologies LLC product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.