



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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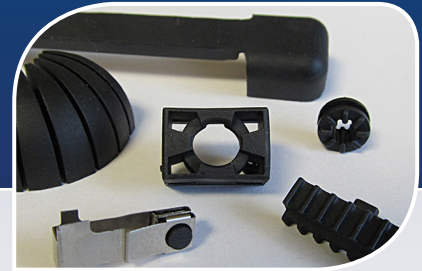
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## ISOLOSS™ SL MATERIALS

Material Summary Sheet 52



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

Server/Data Center  
Rugged Laptop, Tablet, & Smartphone  
Computer & Peripheral  
Drone/UAV

**ISOLOSS™ SL MATERIALS**

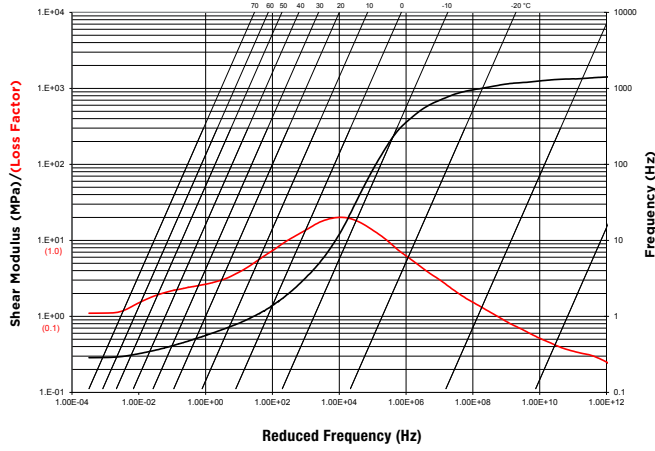
- Highly damped thermoset molded products for noise, shock and vibration control
- RoHS Compliant
- Non-halogenated
- Available in durometers from 20 to 60 Type A
- Available in listed UL 94 and non-listed formulations

TYPICAL PROPERTIES				
PROPERTY	SL-20300	SL-35300	SL-50300	SL-60300
<b>Description</b>	Synthetic Rubber	Synthetic Rubber	Synthetic Rubber	Synthetic Rubber
<b>Hardness</b> ASTM D2240 Type A Durometer 23C (73F) 15 sec impact	19	30	45	56
<b>Compression Load Deflection kPa (psi)</b> ASTM D575 at 0.51 cm/min (0.2 in/min) 10% kPa (psi)	117 (17)	193 (28)	338 (49)	517 (68)
20% kPa (psi)	221 (32)	379 (55)	669 (97)	1013 (132)
30% kPa (psi)	352 (51)	607 (88)	1096 (159)	1689 (222)
<b>Compression Set (%)</b> ASTM D395 Method B 22 hr at 22C (72F)	3	4	2	3
22 hr at 70C (158F)	7	6	7	4
<b>Tensile Strength kPa (psi)</b> ASTM D412	4185 (600)	5667 (822)	10149 (1472)	10721 (1555)
<b>Tear Strength kN/m (lbf/in)</b> ASTM D624	11.4 (65)	20.1 (115)	18.9 (108)	24.15 (138)
<b>Temperature Range C</b> <b>Peak Damping Performance</b> <b>Temperature Range</b>				
@ 10 Hz	-23 to 29	-21 to 30	-5 to 42	-10 to 35
@ 100 Hz	-18 to 47	-16 to 47	-2 to 63	-4 to 47
@ 1000 Hz	-14 to 71	-12 to 72	4 to 82	1 to 60
<b>Flammability</b> UL 94	Listed HB @ 2.3-2.5 mm	Meets HB @ 3.0 mm	Listed HB @ 3.0 mm	Meets HB @ 3.0 mm
<b>RoHS Compliant</b>	Yes	Yes	Yes	Yes
<b>Halogen Free*</b>	Yes	Yes	Yes	Yes

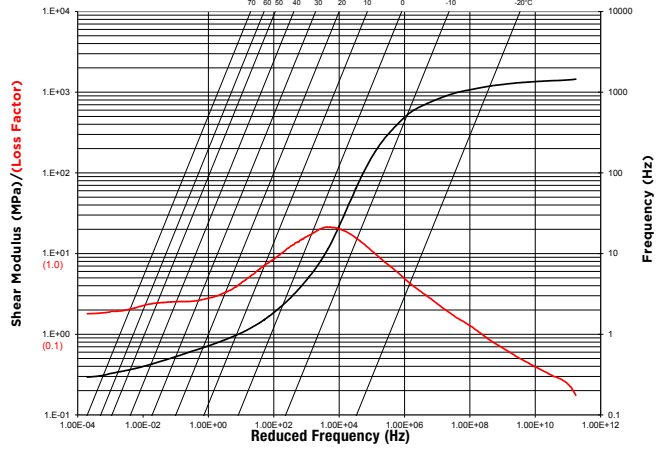
The above technical information and data should be considered representative or typical only and should not be used for specification purpose.

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

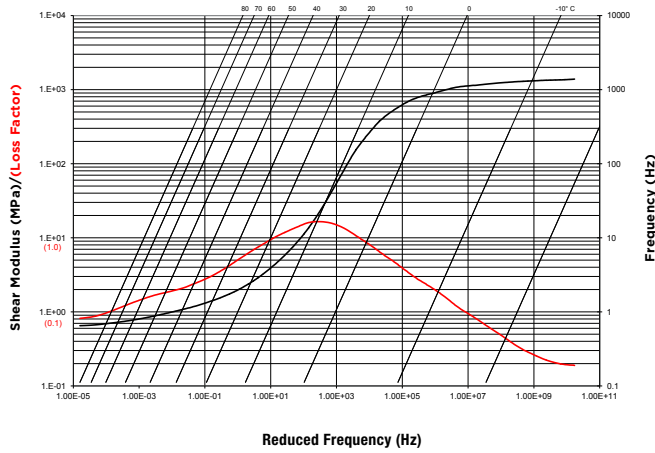
**SL-20300**



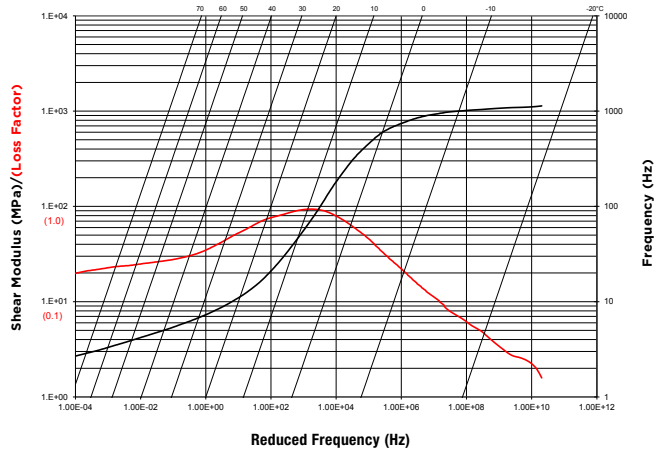
**SL-35300**



**SL-50300**



**SL-60300**



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