



# ISOLOSS™ XT Shock Absorbing Elastomer

## Product Description

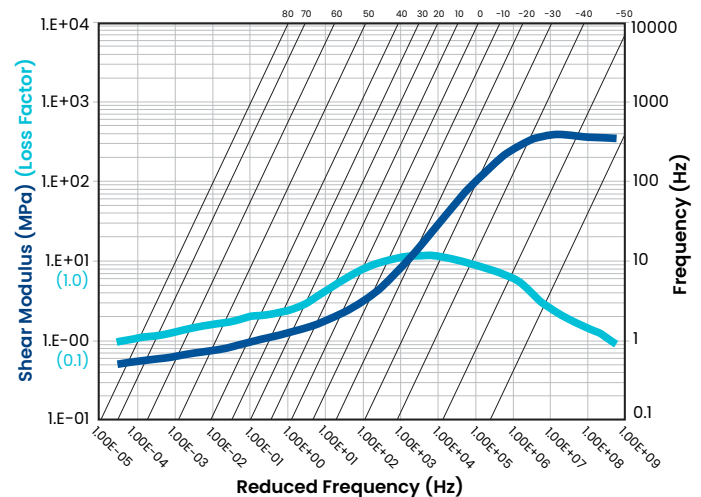
ISOLOSS™ XT is a high damping, wide temperature range molding thermoset elastomer. This electronics material is resistant to creep and compression set and can be metal-bonded during molding.



TYPICAL PROPERTIES	XT-30100
<b>Hardness</b> , ASTM D2240, Type A	
Durometer 23°C, 15 seconds Impact	33
<b>Tensile Strength, psi</b> - ASTM D412	1600
<b>Tear Strength, lbf/in</b> - ASTM D624	110
<b>Compression Set (%)</b> - ASTM D395	
Method B	
22 hours at 22°C (72°F)	9
22 hours at 70°C (158°F)	50
<b>Compression Load Deflection kPa (psi)</b> ASTM D575 at 5.1 mm/min. (0.2 in/min)	
10% kPa (psi)	234 (34)
20% kPa (psi)	524 (76)
30% kPa (psi)	848 (123)
<b>Temperature Range °C</b> (Peak Damping Performance, Temperature Range)	
10 Hz	-52°C to 32°C
100 Hz	-47°C to 59°C
1000 Hz	-33°C to 59°C
<b>ROHS Compliant</b>	Yes
<b>Halogen Free*</b>	Yes

\*Per IEC 61249-2-21

ISOLOSS™ XT-30100 Nomogram





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### Technical Information

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

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