

TEROSON[®]



TEROSON EP 52 SERIES

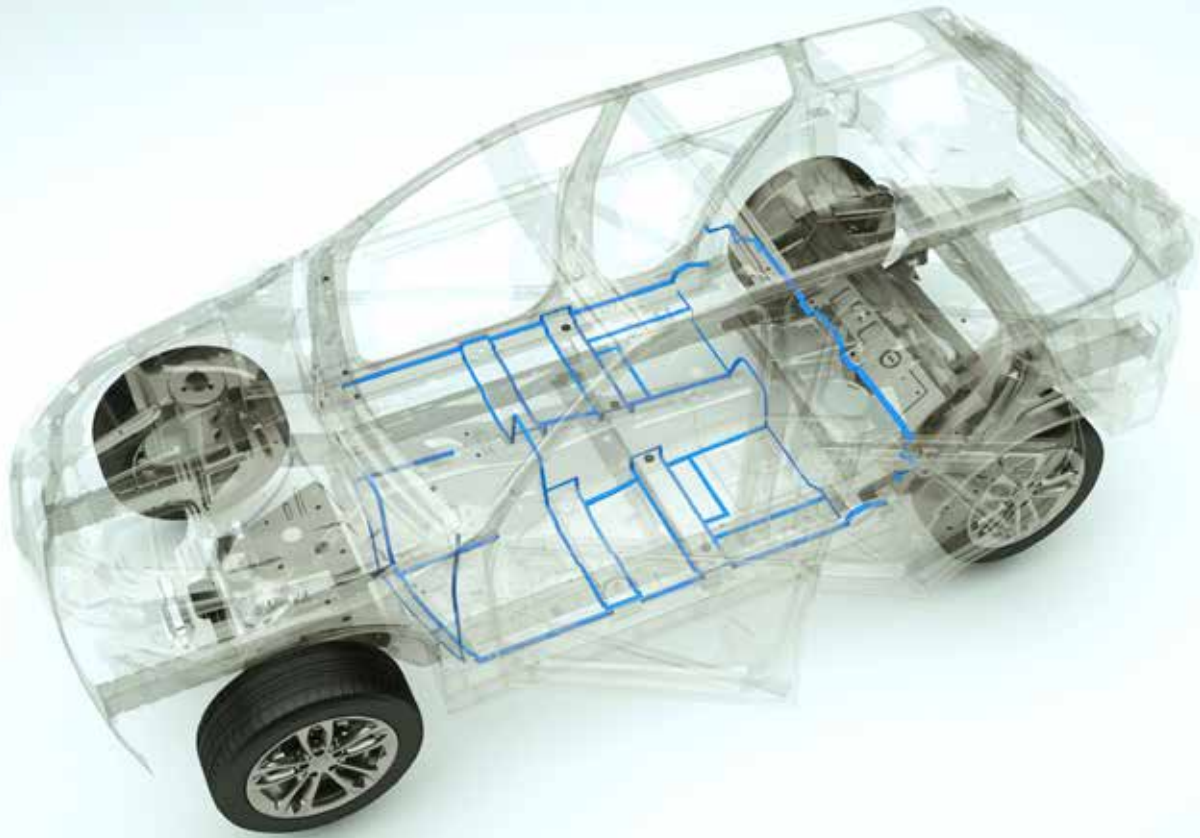
HIGH DAMPING STRUCTURAL ADHESIVE

One product, twice the power! TEROSON EP 52 Series epoxy, one-component high damping structural adhesives (HDSA) combine vibration damping and structural rigidity into one product.

Used in the automotive body shop for structural and hem flange bonding. It has been specially developed to provide high damping and high modulus at room temperature. Its rheological properties result in excellent sag and wash-off resistance in standard automotive line.



Henkel Adhesive Technologies



Technical Data:

Color	Blue
Consistency (uncured)	Paste
Viscosity @15.5 s ⁻¹ , 20 °C	300 – 500 Pa.s.
Cure time/temperature	20 min, 170°C (338°F)
Shear Strength, (cured)	17 MPa
Young's Modulus	1 GPa
T-Peel Strength	1.5 N/mm
Damping loss factor (tan δ)	> 0.3 @ 1Hz 30°C (86°F)

Features:

- › Automated application with standard pump system for process efficiency
- › Compatible with multiple metal substrates, including: steel, zinc coated surfaces, zinc/magnesium surfaces and aluminum alloys
- › Can be used in combination with other joining techniques
- › May contribute to vehicle lightweighting- by reducing need of liquid applied sound deadener (LASD) or Bitumen sheets without compromising overall acoustic performance.



Request a consultation
Henkel Adhesives