

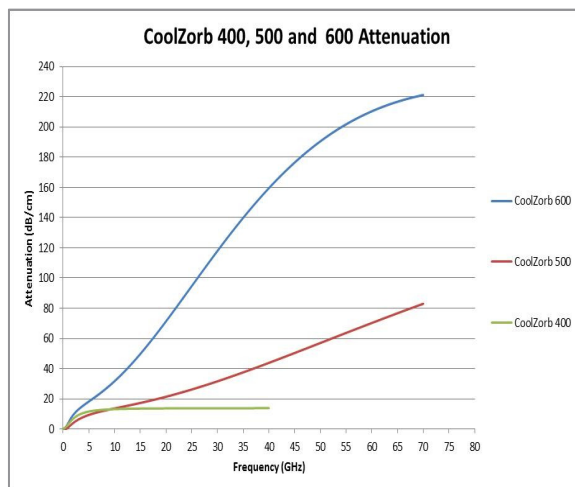
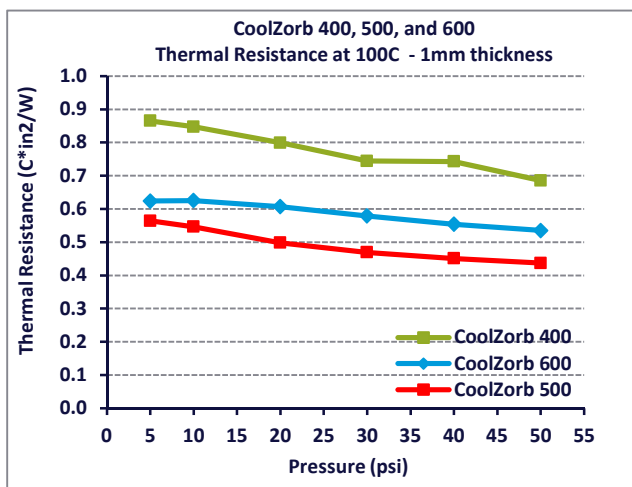
COOLZORB PORTFOLIO SUMMARY

CoolZorb 400 is a hybrid absorber/thermal management material that is used for EMI mitigation.

CoolZorb 500 is premium grade with enhanced thermal conductivity over CoolZorb 400 with comparable EMI mitigation.

CoolZorb 600 is premium grade with enhanced EMI attenuation performance over CoolZorb 400 and 500

| TYPICAL PROPERTIES | COOLZORB 400 | COOLZORB 500 | COOLZORB 600 |
|------------------------------|----------------|----------------|----------------|
| Thermal Conductivity | 2.0W/m-K | 4.0W/m-K | 3.0W/m-K |
| Hardness | 56 Shore 00 | 55 Shore 00 | 60 Shore 00 |
| Temperature Range | -20°C to 100°C | -40°C to 175°C | -40°C to 175°C |
| UL Flammability | UL94V0 | UL94V0 | UL94V0 |
| Attenuation Frequency | 5 GHz & higher | 5 GHz & higher | 3 GHz & higher |



VALUE

- Dual functional properties of thermal conductivity and EMI reduction provide two in one solution for easier design and assembly and lower cost of ownership
- Improved reliability performance of electronics
 - Better signal integrity due to reduction of EMI
 - Consistent performance due to temperature stability and low outgassing
- Improved EMC performance and lower cost to meet compliance requirements
- Environmentally friendly solution - RoHS and REACH compliant

MARKETS

- Consumer electronics – handset and tablet, gaming devices, UHD TV, etc.
- Automotive – navigation/infotainment systems
- Data infrastructure – router, optical transceiver, set top box
- Telecom infrastructure – base station

AVAILABILITY

- Standard sheet size is 12" X 12" with common thicknesses at .020", .040", .060", .080", .100" and .125" (0.5mm, 1.0mm, 1.5mm, 2.0mm, 2.5mm and 3.1mm).
- No charge samples available for all common thicknesses listed above.

Americas: +1.866.928.8181

Europe: +49.0.8031.2460.0

Asia: +86.755.2714.1166

www.lairdtech.com

COOLZORB PORTFOLIO 110915

