

**BONDING +
SEALING +
ENCAPSULATION**

Kisling



7490

Specially developed for large components and extreme loads: Epoxy structural adhesive with high strength and a wide temperature range.

7490 is a black, toughened, pasty epoxy resin for application with composite or metal parts. The resin provides excellent strength build up with a long pot life, very good heat resistance as well as remarkable mechanical properties covering a broad temperature spectrum.

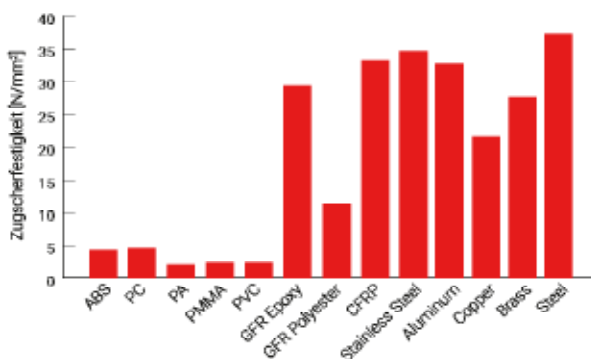
7490

- + Excellent bonding on metals and composites
- + High strength and impact resistant
- + Excellent thermal range
- + Long open time
- + Offers very good chemical protection

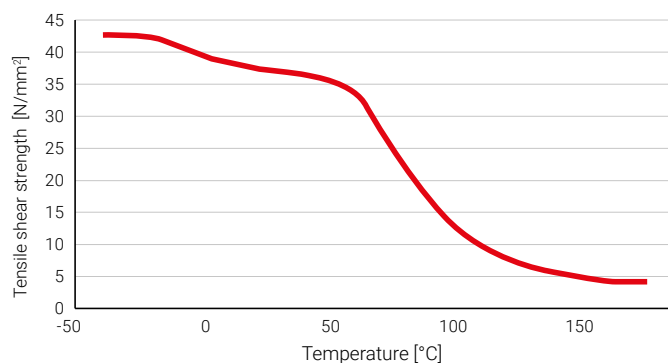


Specifications	
Product category	Epoxy based structural adhesives
Colour	black (after cure)
Mixing ratio	2:1 (V:V)
Viscosity [mPas]	pasty, thixotropic (Mix)
Pot life [min]	~120
Fixture time [h]	~8.5
Final strength [h]	~120
Tensile strength [N/mm²]	~34
Tensile shear strength [N/mm²] Alu-Alu	~33
Tensile shear strength [N/mm²] Steel-Steel	~37
Elongation at break [%]	6 – 7
Temperature range [°C]	-40 – +180
Registrations & Certificates	DIN EN 45545-2 chart 5, R1, R7 and R17 with HL1-3
Container size (Bulk containers on request)	50 ml 200 ml 490 ml

Tensile shear strength



Temperature curve



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