EWP 510

Description and applications

EWP 510 is based on NBR-bound inorganic and organic fibers. The sealing material has very good oil and fuel resistance, combined with a high tensile strength. It is mainly used to seal oils, greases, fuels and coolants. Typical application areas include intake manifolds, water and fuel pumps, oil sumps and housing cover gaskets.

1. General product information

Colour	grey
Max. temperature	190 °C (375 °F)
Max. pressure	20 bar

2. Technical data

2.1 General properties

Measured variable	Value	Test standard
Thickness	› 0,5 mm	
Density	1,4 g/cm³ ± 0,1	DIN 28090-2
Compressibility	15 % ± 5	ASTM F36 J
Recovery	≥ 50 %	ASTM F36 J
Tensile strength, transverse	≥ 13 N/mm²	DIN 52910

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Das Original

2.2 Media resistance

Medium	Property	Temperature [°C]	Variation from initial value [%]
			5h
IRM-Oil 903	Thickness increase (%)	150	≤ 10
	Weight increase (%)	150	≤ 30
ASTM-FUEL B	Thickness increase (%)	23 ± 2	≤ 15
	Weight increase (%)	23 ± 2	≤ 35

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