

EWP 207

Description and applications

EWP 207 is a sealing material based on NBR-bound, synthetic organic fibres. The sealing material has good resistance to oil and fuel.

EWP 207 is mainly used to seal against cold and hot oils, greases, fuels and coolants with corrosion protection and antifreeze additives.

Typical application areas are oil sumps, valve covers, gearbox and housing cover.



1. General product information

Colour	dark grey
Max. temperature	200 °C
Max. pressure	50 bar

2. Technical data

2.1 General properties

Measured variable	Value	Value	Test standard
Thickness	≤ 0.5 mm	> 0.5 mm	
Density	1.7 g/cm ³ ± 0.1	1.7 g/cm ³ ± 0.1	DIN 3754
Ignition loss	≤ 35 %	≤ 35 %	DIN 52911
Compressibility	9 % ± 4	9 % ± 4	ASTM F36 J
Recovery	≥ 45 %	≥ 45 %	ASTM F36 J
Tensile strength, transverse	≥ 6 N/mm ²	≥ 7 N/mm ²	DIN 52910
Pressure resistance (50 N/mm², 16 h/200 °C)		≥ 15 N/mm ²	DIN 52913

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Das Original

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2.2 Media resistance

Medium	Property	Temperature [°C]	Variation from initial value [%]	
			5h	
ASTM oil no. 3	Thickness increase (%)	150	≤ 15	≤ 15
	Weight increase (%)	150	≤ 20	≤ 20
ASTM fuel B	Thickness increase (%)	23 ± 2	≤ 15	≤ 15
	Weight increase (%)	23 ± 2	≤ 15	≤ 15
Water/glycol (1:1)	Thickness increase (%)	Rh	≤ 15	≤ 15
	Weight increase (%)	Rh	≤ 15	≤ 15

3. Delivery form

EWP 207 can be supplied as sheet material as a ready-to-install seal.