Technical Datasheet

EWP 210 – Gasket material for oil pans, gearboxes, carburetors, preheating chambers, water and fuel pumps, timing cases, water sockets and housing covers

Description

EWP 210 is a gasket material based on aramide fibers with NBR binder.

EWP 210 combines excellent oil and fuel resistance with good stress relaxation and high tensile strength.

Technical data

Thickness	≤ 0.5 mm	› 0.5 mm
Density DIN 53 105 Tl. 1	1.7 g/cm³ ± 0.15	1.7 g/cm³ ± 0.15
Ignition loss DIN 52911	≤ 35%	≤ 35%
Compressibility ASTM F36 J	9 % ± 4	9 % ± 4
Recovery ASTM F36 J	≥ 45%	≥ 45%
Tensile strength, cross grain, DIN 52910	≥ 8.5 N/mm²	≥ 9 N/mm²
Stress relaxation DIN 52913 (50 N/mm², 16h/300°C)		≥ 25 N/mm²
Media resistance		
ASTM oil no. 3 (5h/150°C)		
Thickness increase	≤ 17%	≤ 10%
Weight increase	≤ 20%	≤ 15%
ASTM fuel B (5h/23 ± 2°C)		
Thickness increase	≤ 17%	≤ 15%
Weight increase	≤ 15%	≤ 15%
Water – glycol (1:1, 5h Rf)		
Thickness increase	≤ 10%	≤ 10%
Weight increase	≤ 17%	≤ 17%

Elring Gasket Material EWP 210

Das Original

Application

EWP 210 is primarily used as sealing against cold and hot oils, greases, fuels and coolants with corrosion inhibitors and antifrost additives. Typical applications include oil pans, gearboxes, carburetors, preheating chambers, water and fuel pumps, timing cases, water sockets and housing covers.

Color	green
Max. temperature	400°C (in oil max. 200°C)
Max. pressure	100 bar

Form of supply

EWP 210 is available as finished gasket according to drawing or as sheet material.

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