



Novapress 850 Fiber, NBR bound



Description

Aramid fiber, NBR. The material is made with high quality aramid fiber and with a high content, high quality NBR elastomer.

Technical properties

- Quickly mountable
- Low hardness, easily compressible
- Good recovery properties
- Exceptional creep resistance

Application

Plastic components, pump housings, tanks, transmissions, gearboxes, crankcase lids, revision engines, electric boxes and fuel storage. Very suitable for (bio) diesel applications and biofuel.

Chemical resistance, pressure and temperature

Max temperature 130°C
Max 50 bar.

Supply programme

- Fibreboards available in 1500 x 1500 mm and thickness 0,5 / 1,0 / 1,5 / 2,0 / 3,0 mm.
- Gaskets according to EN(DIN) and ASME norm are available from stock. Besides that it is possible to cut or punch virtually any special shape or size from a sheet.

Approvals and certificates

- DVGW (DIN3535-T6)
- HTB (DIN30653)
- W270
- TA-Luft
- FDA
- EC1935
- BLOW OUT

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	5	MPa
Max. surface pressure σ_{vo}	DIN 29090	150	MPa
Minimum temperature		-40	°C
Maximum temperature		130	°C
Compressie	ASTM F 36 J	39	%
Recovery	ASTM F 36 J	60	%
Max. applicable pressure*		50	bar
Density		1,35	g/cm ³
Specific leak-tightness	DIN 3535-6	0,001	mg/(s*m)
Residual surface pressure	DIN 52 913 175 °C	26	MPa
Chloride content		<150	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain	5H/150	8	%
Thickness gain		2	%
M		2,5	
Y		725	PSI

* Depending on temperature en construction.

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