

PRODUCT

# MARLON FR

Property	Method	Units	Specification
Specific gravity	ASTM D792	g/cm <sup>3</sup>	2,230 - 2,270
Tensile strength	ASTM D4894	MPa	≥ 13
Elongation	ASTM D4894	%	≥ 180
Hardness	ASTM D2240	Shore D	≥ 60
Deformation under load (14N/mm <sup>2</sup> , 24 h at 23°C.)	ASTM D621	%	9 - 12
Permanent deformation (after 24 hrs. Relaxation at 23°C)	ASTM D621	%	4,5 - 6
Volume resistivity	ASTM D257	Ohm cm	(10 <sup>15</sup> )
Water absorption	ASTM D570	%	0,01
Service Temperature		C°	-200/ +280
Color			Brick - red

#### Properties:

- Improved compression and wear resistance; excellent chemical stability.

#### Main applications:

- It is the most commonly used filler for dynamic seal applications where both rotating and alternating movements are involved, pneumatic, hydraulic and mechanical parts.

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