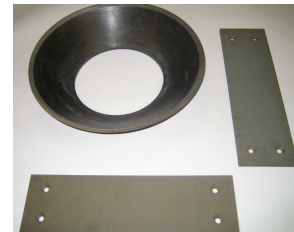

RAILKO

NF21/NF22

WEARING & BEARING MATERIAL

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PROPERTIES	UNITS	NF21
Density	g/cm ³	1.64
Ultimate Compressive Strength	MPa	220
Normal Working Pressure	MPa	55
Impact Strength [Charpy]	kJ/m ²	35
Shear Strength	MPa	41
%Swell in Water	@ 20°C	<1
Coefficient of Friction		0.25-0.4
Brinell Hardness	HB	29
Coefficient of Thermal Expansion (Parallel to material layers)	10 ⁻⁶ /°C	35
Maximum Continuous Operating Temperature	°C	120
Fire Rating per NF F-16-101		F1 . I3



NF21 & NF22 have been developed as a general purpose wearing and bearing material for many industrial applications offering low wear and friction rates. NF21 is widely used in railways and can be supplied in special shapes such as Center Pivot Liners, Side Bearer Pads, Horn Box Liners & Slide Pads. NF22 is widely used in pumps, escalator chains, and many different types of mechanical equipment.

NF21 and NF22 are the same formulation. NF21 is for flat products and mouldings and NF22 is for cylindrical products.

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS 2782 and ASTM test methods and should not be used for specifications. RAILKO does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose. For further information please contact our Technical Sales Department at the above address.