

BLACKDUST NR



SPECIAL WEAR SHEETING DUST SEALING

FEATURES

Black natural rubber, with excellent mechanical properties, especially elasticity, ozone and abrasion resistance.

APPLICATIONS

Sealing of screening systems, conveyor belts, and other dust-generating equipments.

Areas of activity: manufacturing of concrete, limestone, chalk, etc.

ADVANTAGES

- Environmental protection, reducing the spread of dust and soot
- Less wear of mechanical surrounding parts
- Simplicity of assembly process: fixing with standardised bars and elbows (inside diameter 14mm, outside diameter 31mm)

BENEFITS

- Quality of working conditions
- Safety
- Service life
- Cleanliness
- Time saving

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

	Measured characteristics	Standard	Value	
MECHANICAL	Rubber compound - black		NR	R431 ●
	Density		1.03 ±0.05	g/cm ³
	Hardness	ASTM D2240	45 ±5	Shore A
	Tensile strength	ISO 37	≥16	MPa
	Elongation at break	ISO 37	≥600	%
	Tear resistance	ISO 34-1	≥27	N/mm
	Abrasion resistance (5N)	ISO 4649	≤90	mm ³
	Compression set after 22h at 70 °C	ISO 815-1	≤35	%

TEMPERATURE

Working temperature		-50/+85	°C
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AGEING


Δ Hardness after 70h at 70 °C	ASTM D573	≤5	Shore A
Δ Tensile strength after 70h at 70 °C	ASTM D573	≤-15	%
Δ Elongation at break after 70h at 70 °C	ASTM D573	≤-25	%

CHEMICAL RESISTANCE

Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Very good	Medium	Good	Non suitable

IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.
Wrapping	Black polyethylene film.
Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.

NR	SPECIAL WEAR SHEETING	BLACKDUST		
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH
2 ±0.3	1400 ± 2 %	20 ± 2 %	2.06	2 SIDES CLOTH FINISH



Trelleborg Industrie SAS - ZI La Combaude - Rue de Chantemerle - CS 10725 - 63050 Clermont-Ferrand cedex 2 France - 24/ 11/ 2017

АВТОРИЗОВАННЫЙ ДИСТРИБЬЮТОР ООО "ЦИКЛОН-СПБ"
www.inrubber.ru