

Teknikum

WEAR SAFE™ Red 40

rubber lining compound



APPLICATIONS

Natural rubber and butadiene rubber mixture based on black soft rubber compound, which is highly resistant to various abrasive slurries used at mining environment and other process industry applications.

The hardness 40 ShA is great for abrasion resistance supported by excellent resilience to stand flexible surface for material flow.

Developed for the mining industry, e.g. material transfer at concentration plants and tailings pipelines. The red color allows use as visual wear indicator in case of two (2) layers of rubber lining is placed (black soft rubber lining on top).

Autoclave vulcanization.

ADVANTAGES

- Great wear resistance
- Very strong adhesion to steel
- Good strength values

TECHNICAL PROPERTIES

Elastomer

- Natural rubber and butadiene rubber (NR/BR)

Environmental resistance

- Moderate resistant to chemicals

QUALITY & COMPLIANCE

The manufacturing quality control is based on ISO-9001 certified systems.

The rubber compound does not contain any RoHS 2 controlled substances or phthalates and is compliant with REACH directive.

The compound does not contain any substances named on the SVHC (Substances of Very High Concern) candidate list XIV of REACH.

ORDER REFERENCE

- Rubber compound ID: SK1435000

MANUFACTURER

Teknikum Ltd (Business ID FI 07645274)
Sementtitehtaan­katu 4, FI-04260 Kerava,
FINLAND

Sales & Marketing

Teknikum Group, Linings BU

More information

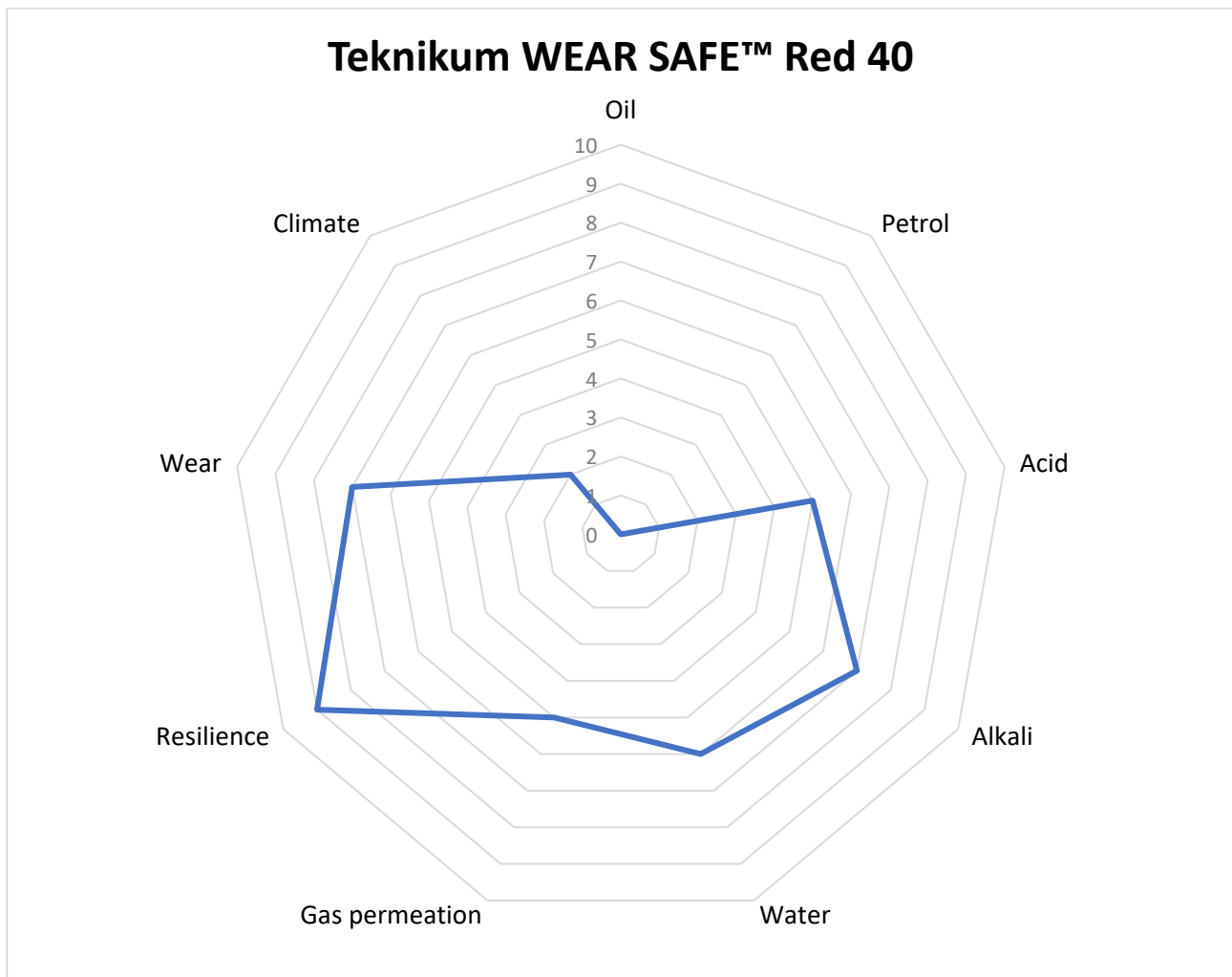
sales@teknikum.com

www.teknikum.com

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TYPICAL MATERIAL PROPERTIES¹



Property	Standard	Unit	Value
Hardness	ISO 48-4	Shore A	40 ± 5
Tensile strength	ISO 37	MPa	9
Elongation at break	ISO 37	%	700
Tear strength	ISO 34 Crescent	N/mm	30
Abrasion resistance (5 N weight)	ISO 4649 Method A	mm ³	110
Rebound resilience	ISO 4662	%	60
Temperature range	-	°C	- 40 - + 70

¹Note: The above values are typical mean values of the production compounds and should not be used as specification limit or as a basis of design.