

Teknikum

WEAR SAFE™ Black 60

rubber lining compound



APPLICATIONS

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

The hardness 60 ShA is great for tear 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.

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 resistance 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: S166000

MANUFACTURER

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

Sales & Marketing

Teknikum Group, Compounds Business Unit

More information

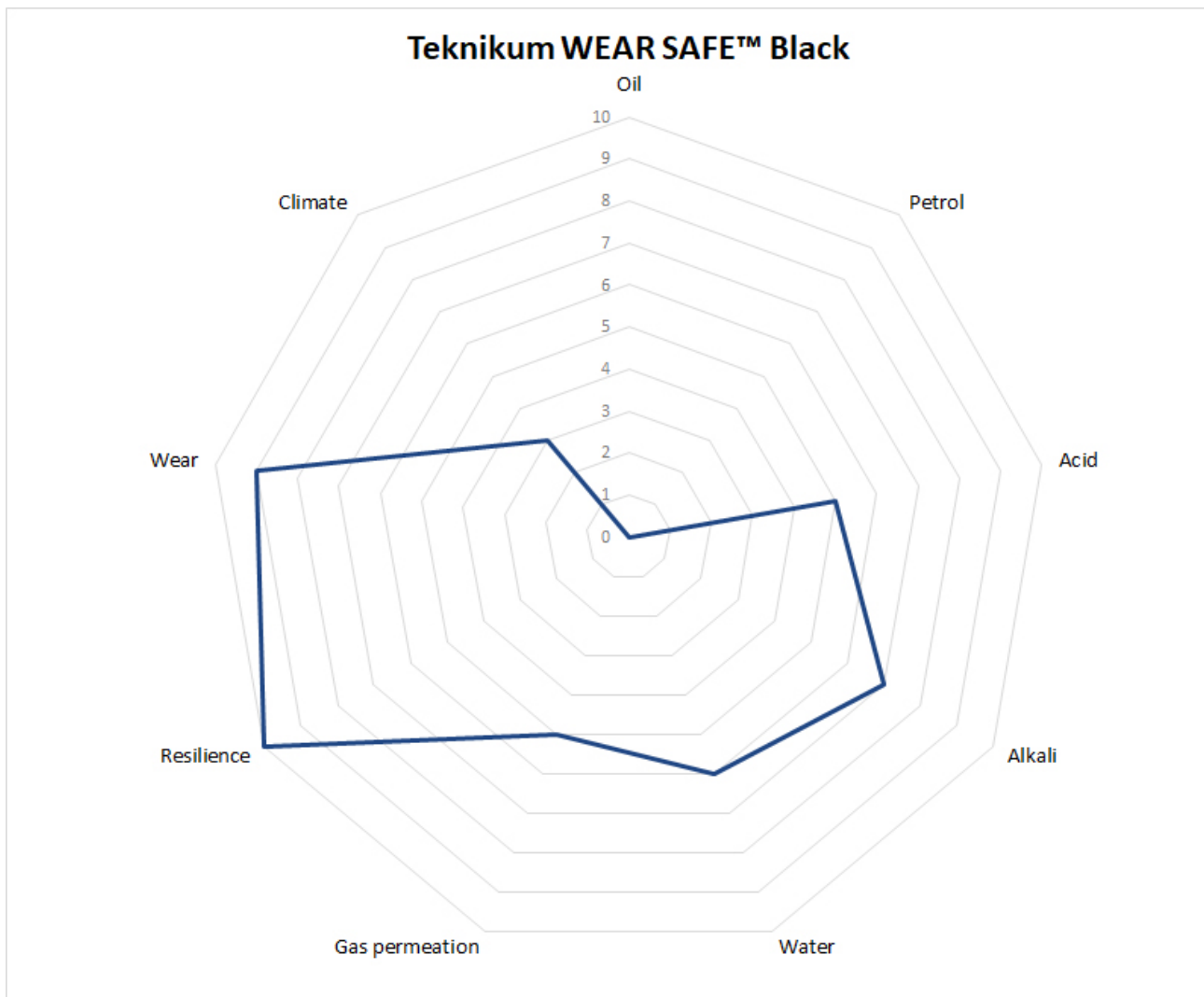
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TYPICAL MATERIAL PROPERTIES¹



Property	Standard	Unit	Value
Hardness	ISO 48-4	Shore A	60 ± 5
Tensile strength	ISO 37	MPa	17
Elongation at break	ISO 37	%	500
Tear strength	ISO 34 Crescent	N/mm	65
Abrasion resistance (10 N weight)	ISO 4649 Method A	mm ³	75
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.

TEKNIKUM WEAR SAFE™ BLACK 60 ShA LINING RUBBER ON ROLL

Item number	Thickness (mm)	Standard width (mm)	Roll Length (m)	Roll weight (kg)	Minimum order quantity (rolls)
SK16600016	2	1100	20	48	1
SK16600005	3	1100	20	73	1
SK16600011	4	1100	20	98	1
SK16600007	5	1100	20	122	1
SK16600009	6	1100	20	146	1
SK16600012	7	1100	20	170	1
SK16600013	8	1100	20	195	1
SK16600023	9	1100	20	220	1
SK16600002	10	1100	20	244	1

NOTES

- Standard width is 1100 mm rolls, which is convenient for transportation in wooden boxes.
- Widths between 600-1500 mm are available upon request.