Technical datasheet

Hypalon® 70

Basic information	Specification
Basic elastomer	CSM
Fabric ply	without ply
Description / features	Outstanding properties against ozone, acids and alkaline solutions along with mechanical durability. Temperature-resistant. Limited resistance to benzine and oil.
Format	**Rolls:** 1,0 mm to 10 mm available in 1,4 m x 10 m
Colour	black

Technical data	Standard term / Specification	Unit	Testing method
Density	1,35	g/cm³	DIN EN ISO 1183-1
Shore A	70	°Sh A	DIN ISO 7619-1
Tensile strength	8	N/mm²	DIN 53504
Elongation at break	225	%	DIN 53504
Abrasion	n.sp.	mm³	DIN ISO 4649 method A
Compression set	n.sp.	%	DIN ISO 815-1 (70°, 24h)
Temperature range	from - 20 to + 70	°C	

Resistance	Standard term / Specification
Oil	⊕
Fuels	⊖
Acids	⊕ ⊕
Alkaline solution	⊕ ⊕
Weather	⊕ ⊕

Legend		
⊕ ⊕ = especially resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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elastomer technology

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