

CR standard

Chloroprene rubber, black

- CR for use in standard applications
- resistant to cooling liquids, ozone and UV-radiation, alcohols and salt water, medium resistant to oils
- Applicable for static seals, rod and piston seals, wiper seals and rotary seals

Properties	Value	Unit	DIN Standard
Hardness	81 ±5	Shore A	DIN ISO 7619-1
Density	1,45	g/cm ³	DIN EN ISO 1183-1
100% Modulus	9,5	MPa	DIN 53504
Elongation at break	163	%	DIN 53504
Tensile strength	14,7	MPa	DIN 53504
Compression set 23°C/70h	10,2	%	DIN ISO 815-1
Compression set 70°C/22h	10,8	%	DIN ISO 815-1
Compression set 100°C/22h	17,0	%	DIN ISO 815-1
Rebound resilience	41	%	DIN ISO 4662:2017
Tear strength	17,0	N/mm	DIN ISO 34-1 A
Abrasion resistance	163	mm ³	DIN ISO 4649 B
min. Service temperature	-40	°C	
max. Service temperature	+100	°C	

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

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