

Z218

CR 70 BLACK NEOPRENE

REV. 02

General Application Temperature Range

From -50°C
To 100°C

General Environmental Application

Gas
Ozone
UV Rays
Sea water

Compliances

Note

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Disclaimer

Test performed on test slabs. Temperatures, applications and indications are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	DIN 53479	g/cm ³	1,42 ± 0,03
Hardness	DIN 53505	ShA	70 ± 5
Tensile Strength	DIN 53504	N/mm ²	>13
Elongation	DIN 53504	%	>240
Tear resistance	DIN 53515	N/mm	>35
TR 10	ASTM D1329	°C	<-42
Brittle Point	ASTM D2137	°C	<-45
C. Set 24h @100°C	ISO 815-1	%	<23
C. Set 70h @100°C		%	

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+3,5
	<i>Tensile Strength</i>	%	+1
	<i>Elongation</i>	%	-14
	<i>Volume</i>	%	-2,6
	<i>Weigth</i>	%	-1,8

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
Oil ASTM 1 70h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	+3
	<i>Tensile Strength</i>	%	+5
	<i>Elongation</i>	%	-13
	<i>Volume</i>	%	-4
	<i>Weigth</i>	%	-5
Oil ASTM 3 70h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-25
	<i>Tensile Strength</i>	%	-24
	<i>Elongation</i>	%	-25
	<i>Volume</i>	%	+45
	<i>Weigth</i>	%	+29

