Material
70 CR C707Z

Version	Released on
01	01.10.2021

General Data

Colour: Black

Physical Properties	**Nominal Range**	**Typical Value**	
Hardness ASTM D 2240, Shore A	70 ±5	72	Shore
Tensile strength ASTM D 412	>10	11.33	MPa
Elongation at break ASTM D 412	>250	300	%
Compression set ASTM D 395, B, 22 h, 100 °C	<35	32.6	%

This data sheet supersedes all previous versions. The content is subject to change without prior notice. The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

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Freudenberg Industrial Services GmbH
Global Material Technology
Email: FIS.Compound.CRC@fst.com

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Tested after ASTM D 2000: M 3 BC 7 10 A14 B14

ASTM Property		Nominal Range	Typical Value
Tensile strength	MPa	min. 10	11.33
Hardness	Shore	70 ±5	72
Elongation at break	%	min. 250	300
A14 Air 70.00h/100.00°C			
Tensile strength	MPa	-15	2
Hardness	Shore	15	6
Elongation at break	%	-40	-15
B14 22.00h/100.00°C			
Compression set	%	35	32
F17 3.00min/-40.00°C			
Low temperature resistance	°C	pass	pass

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Email: FIS.Compound.CRC@fst.com