

Z440

FKM 70 BLACK

FDA 3-A

REV. 2

General Application

Temperature Range

From -20°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures
Food

Compliances

FDA cfr 21
3-A Sanitary Standard
WRAS

Note

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Disclaimer

Tests 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	ASTM D297	g/cm ³	2,02 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ASTM D412	N/mm ²	>12
Elongation	ASTM D412	%	>185
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<-17
Brittle Point	ASTM D 2137	°C	<
C. Set 24h @200°C	ASTM D395B	%	<16
C. Set 70h @200°C		%	<

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @250°C	ASTM D573		
	Hardness Change	ShA	+2,5
	Tensile Strength	%	-9,5
	Elongation	%	-10,7
	Volume	%	
	Weight	%	

Hardness Change	ShA
Tensile Strength	%
Elongation	%
Volume	%
Weight	%

Fuel ASTM C 70h @23°C	ASTM D471		
	Hardness Change	ShA	-4,5
	Tensile Strength	%	-15,7
	Elongation	%	-16,6
	Volume	%	+4,3
	Weight	%	

Hardness Change	ShA
Tensile Strength	%
Elongation	%
Volume	%
Weight	%

