

Z079

FKM 75 BLACK

REV. 3

General Application

Temperature Range

From -20°C
To 230°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

MIL R 83248
EN 682:2001 H
VW 2.8.1

HYDROGEN

COMPATIBILITY according
to SAE J2600, clause 5.5.3

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 D2240	g/cm ³	1,86 ± 0,03
Hardness	ASTM D2240	ShA	75 ± 5
Tensile Strength	ASTM D412C	N/mm ²	>6
Elongation	ASTM D412C	%	>120
Tear resistance	ASTM D624B	N/mm	>23
TR 10	ASTM D1329	°C	<-17
Brittle Point	ASTM D2137A	°C	<-17
C. Set 24h @200°C	ASTM D395B	%	<16
C. Set 70h @200°C	ASTM D395B	%	<21

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	ASTM D573		
	<i>Hardness Change</i>	ShA	0
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	-3
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Air 70h @250°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	-4
	<i>Elongation</i>	%	-11
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Oil ASTM 3 70h @100°C			
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C			
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

