

Z050

FKM 70 BLACK

"VITON EXTREME"

REV. 02

General Application

Temperature Range

From -10°C
To 230°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

FDA
3A

Note

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	1,96 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ASTM D412C	N/mm ²	>13
Elongation	ASTM D412C	%	>195
Tear resistance	ASTM D624B	N/mm	>
TR 10	ASTM D1329	°C	<-8
Brittle Point	ASTM D2137A	°C	<-10
C. Set 24h @200°C	ASTM D395B	%	<23
C. Set 70h @200°C	ASTM D395B	%	<42

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @250°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	+23,7
	<i>Elongation</i>	%	12,5
	<i>Volume</i>	%	
	<i>Weight</i>	%	
MEK 168h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-14
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	+19,4
	<i>Weight</i>	%	
DOT4 TotalHBF 4 70h @80°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-16
	<i>Elongation</i>	%	+9,4
	<i>Volume</i>	%	+2,3
	<i>Weight</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

