

Z006

FFKM 75 BLACK LT

REV. 01

General Application

Temperature Range

From -30°C
To 220°C

General Environmental Application

Chemicals
Low Temperatures

Compliances

Composition – IMDS Data

CAS n°	Qty %

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	ISO 2781	g/cm ³	1,95 ± 0,03
Hardness	ISO 7619-1	ShA	75 ± 5
Tensile Strength	ISO 37	N/mm ²	>15
Elongation	ISO 37	%	>240
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<-29
Brittle Point		°C	<
C. Set 70h @200°C	ASTM D395	%	<21
C. Set 70h @230°C	ASTM D395	%	<26

AGEING PROPERTIES

Environment	Test STD	Unit	Value
NH ₃ 336h 100°C	ASTM D471		
	Hardness Change	ShA	-3
	Tensile Strength	%	-13
	Elongation	%	+6
	Volume	%	+6,7
	Weight	%	
H ₂ SO ₄ (98%) 168h 65°C	ASTM D471		
	Hardness Change	ShA	-9
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+9,9
	Weight	%	
H ₂ NO ₃ (65%) 72h 80°C	ASTM D471		
	Hardness Change	ShA	-9
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	+7,4
Methanol 168h 23°C	ASTM D471		
	Hardness Change	ShA	-1
	Tensile Strength	%	-8
	Elongation	%	+8
	Volume	%	+4,2
	Weight	%	

