

Z004

FFKM 75 BLACK PFR

REV. 01

General Application

Temperature Range

From -10°C
To 270°C

General Environmental Application

Chemicals
High 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	2,15 ± 0,03
Hardness	ISO 7619-1	ShA	75 ± 5
Tensile Strength	ISO 37	N/mm ²	>13
Elongation	ISO 37	%	>130
Tear resistance		N/mm	>
TR 10		°C	<
Brittle Point		°C	<
C. Set 70h @200°C	ISO 815-1	%	<20
C. Set		%	<

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @275°C	ASTM D573		
	<i>Hardness Change</i>	ShA	-1
	<i>Tensile Strength</i>	%	-15
	<i>Elongation</i>	%	+60
	<i>Volume</i>	%	
	<i>Weight</i>	%	
NaOH 168h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	-0,1
	<i>Weight</i>	%	
H ₂ SO ₄ 70h @60°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-1
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	+1
	<i>Weight</i>	%	
MIBK 168h 115°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-5
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	+4
	<i>Weight</i>	%	

