

Z003

FFKM 75 BLACK CHT

REV. 01

General Application

Temperature Range

From -10°C
To 275°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	2,02 ± 0,03
Hardness	ISO 7619-1	ShA	75 ± 5
Tensile Strength	ISO 37	N/mm ²	>14
Elongation	ISO 37	%	>
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<0
Brittle Point		°C	<
C. Set 70h @200°C	ISO 815-1	%	<15
C. Set 70h @275°C	ISO 815-1	%	<40

AGEING PROPERTIES

Environment	Test STD	Unit	Value
H ₂ SO ₄ (98%) 168h 175°C	ASTM D471		
	Hardness Change	ShA	-1
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+5
	Weight	%	
Acetic Acid 168h 120°C	ASTM D471		
	Hardness Change	ShA	-6
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+5
	Weight	%	
Toluene 168h 100°C	ASTM D471		
	Hardness Change	ShA	-6
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+7
	Weight	%	
MEK 168h 60°C	ASTM D471		
	Hardness Change	ShA	-10
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+5
	Weight	%	

