

# Z005

## FFKM 75 BLACK CH

REV. 01

### General Application

#### Temperature Range

From -10°C  
To 230°C

### General Environmental Application

Chemicals  
High Temperatures

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### 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 <sup>3</sup>	1,99 ± 0,03
Hardness	ISO 7619-1	ShA	75 ± 5
Tensile Strength	ISO 37	N/mm <sup>2</sup>	>15
Elongation	ISO 37	%	>160
Tear resistance		N/mm	>
TR 10	ASTM D1329	°C	<-2
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
Air 70h @250°C	ASTM D573		
	<i>Hardness Change</i>	ShA	-0,5
	<i>Tensile Strength</i>	%	-19,3
	<i>Elongation</i>	%	+24,3
	<i>Volume</i>	%	
NaOH (50%) 168h 150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	+0,5
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	-0,4
MEK 72h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-1
	<i>Tensile Strength</i>	%	-3,8
	<i>Elongation</i>	%	+2
	<i>Volume</i>	%	+0,9
Toluene 168h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3,5
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	+6
<i>Weight</i>	%		

