

# Z440

## FKM 70 BLACK

### FDA 3-A

Update 27 March 2019

#### General Application

#### Temperature Range

From -20°C  
To 220°C

#### General Environmental Application

Chemicals  
Hydrocarbons  
High Temperatures  
Food  
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#### Compliances

FDA cfr 21  
3-A Sanitary Standard

#### Composition – IMDS Data

CAS n°	Qty %
9011-17-0	63-74
7727-43-7	13-18
1333-86-4	7-10
1305-62-0	3-5
1309-48-4	1-3
n.a.	0-3

#### Note

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#### Disclaimer

Temperatures, applications and indications here above 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 <sup>3</sup>	2,02 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ASTM D412	N/mm <sup>2</sup>	14,5
Elongation	ASTM D412	%	210
Tear resistance		N/mm	
TR 10	ASTM D1329	°C	-17
Brittle Point		°C	
C. Set 24h @200°C	ASTM D395B	%	15
C. Set 70h @200°C		%	

#### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @250°C	ASTM D573		
	<i>Hardness Change</i>	ShA	+2
	<i>Tensile Strength</i>	%	-9
	<i>Elongation</i>	%	-12
	<i>Volume</i>	%	
---	<i>Weight</i>	%	
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
Fuel ASTM C 70h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-4
	<i>Tensile Strength</i>	%	-17
	<i>Elongation</i>	%	-18
	<i>Volume</i>	%	+4
---	<i>Weight</i>	%	
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
---	<i>Weight</i>	%	

