

# Z166

## FKM 90 BLACK B

Update 26 March 2019

### General Application

#### Temperature Range

From -15°C  
To 220°C

### General Environmental Application

Chemicals  
Hydrocarbons  
High Temperatures

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### Compliances

### Composition – IMDS Data

CAS n°	Qty %
25190-89-0	59-66
1333-86-4	27-30
1305-62-0	3-5
1309-48-4	1-3
629-96-9	0-2
9002-88-4	0-2
8015-86-9	0-1

### 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>	1,85 ± 0,03
Hardness	ASTM D2240	ShA	90 ±5
Tensile Strength	ASTM D412C	N/mm <sup>2</sup>	14
Elongation	ASTM D412C	%	108
Tear resistance		N/mm	
TR 10	ASTM D1329	°C	-12
Brittle Point		°C	
C. Set 24h @200°C	astm d395b	%	20
C. Set 70h @200°C		%	

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @200°C	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
	Air 70h @250°C	ASTM D573	
<i>Hardness Change</i>		ShA	+2,5
<i>Tensile Strength</i>		%	-5
<i>Elongation</i>		%	-13
<i>Volume</i>		%	
<i>Weight</i>		%	
Oil ASTM 3 70h @150°C	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
	Fuel ASTM C 70h @23°C	<i>Hardness Change</i>	ShA
<i>Tensile Strength</i>		%	
<i>Elongation</i>		%	
<i>Volume</i>		%	
<i>Weight</i>		%	

