

Z165

FKM 90 BLACK

Update 26 March 2019

General Application Temperature Range

From -20°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

Composition – IMDS Data

CAS n°	Qty %
9011-17-0	47-57
1333-86-4	13-17
68855-54-9	4-6
7727-43-7	2-4
1305-62-0	2-4
1309-48-4	1-2
629-69-9	0-1
112-92-5	0-1
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 ³	1,89 ± 0,03
Hardness	ASTM D2240	ShA	90 ±5
Tensile Strength	ASTM D412C	N/mm ²	12,9
Elongation	ASTM D412C	%	140
Tear resistance	ASTM D624B	N/mm	31
TR 10	ASTM D1329	°C	-17
Brittle Point		°C	
C. Set 24h @200°C		%	
C. Set 70h @200°C	ASTM D395B	%	15

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
	<i>Tensile Strength</i>	%	-4
	<i>Elongation</i>	%	-11
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Oil ASTM 3 70h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-0,5
	<i>Tensile Strength</i>	%	-7
	<i>Elongation</i>	%	-6
	<i>Volume</i>	%	+2
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3,5
	<i>Tensile Strength</i>	%	-14
	<i>Elongation</i>	%	-15
	<i>Volume</i>	%	+3,9
	<i>Weight</i>	%	

