

Z165

FKM 90 BLACK

REV. 02

General Application

Temperature Range

From -20°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

Note

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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	1,90 ± 0,03
Hardness	ISO 7619-1	ShA	90 ±5
Tensile Strength	ISO 37	N/mm ²	>11
Elongation	ISO 37	%	>95
Tear resistance	ASTM D624B	N/mm	>28
TR 10	ASTM D1329	°C	<-17
Brittle Point		°C	<
C. Set 24h @200°C	ISO 815-1	%	<24
C. Set 70h @200°C	ASTM D395B	%	<16

AGEING PROPERTIES

Environment	Test STD	Unit	Value

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Air 70h @250°C	ISO 188		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	-20
	<i>Elongation</i>	%	-16
	<i>Volume</i>	%	
	<i>Weight</i>	%	
	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C	ISO 1817		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	+3,6
	<i>Weight</i>	%	

