

Z159

FKM 90 BLACK ED

REV. 2

General Application

Temperature Range

From -15°C
To 230°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

NORSOK M710

Note

Terpolymer (FKM Type B)

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	ASTM D297	g/cm ³	1,83 ± 0,03
Hardness	ASTM D2240	ShA	90 ± 5
Tensile Strength	ASTM D412C	N/mm ²	>13
Elongation	ASTM D412C	%	>100
Tear resistance		N/mm	>24
TR 10	ASTM D1329	°C	<-11
Brittle Point		°C	<
C. Set 24h @200°C	ASTM D395B	%	<18
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	+1
<i>Tensile Strength</i>		%	-5
<i>Elongation</i>		%	-4
<i>Volume</i>		%	
<i>Weight</i>		%	
Oil ASTM 3 70h @100°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-1
	<i>Tensile Strength</i>	%	-9
	<i>Elongation</i>	%	-7
	<i>Volume</i>	%	+1
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-1,5
	<i>Tensile Strength</i>	%	-13
	<i>Elongation</i>	%	-15
	<i>Volume</i>	%	+1,5
	<i>Weight</i>	%	

