

Z430

FKM 70 BLACK PLT

REV. 2

General Application

Temperature Range

From -35°C
To 220°C

General Environmental Application

Chemicals
Hydrocarbons
Low 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	ASTM D1817	g/cm ³	1,82 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	DIN 53504 S2	N/mm ²	>12
Elongation	DIN 53504 S2	%	>235
Tear resistance	ASTM D624B	N/mm	>21
TR 10	ASTM D1329	°C	<-30
Brittle Point		°C	<
C. Set 24h @150°C	ASTM D395B	%	<19
C. Set 70h @200°C	ASTM D395B	%	<25

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	ASTM D573		
	<i>Hardness Change</i>	ShA	+1
	<i>Tensile Strength</i>	%	-11
	<i>Elongation</i>	%	-16
	<i>Volume</i>	%	
	<i>Weight</i>	%	
Oil ASTM 3 70h @150°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-5
	<i>Tensile Strength</i>	%	-15
	<i>Elongation</i>	%	0
	<i>Volume</i>	%	+1,4
	<i>Weight</i>	%	
Fuel ASTM C 70h @23°C	ASTM D471		
	<i>Hardness Change</i>	ShA	-3
	<i>Tensile Strength</i>	%	-22
	<i>Elongation</i>	%	-12
	<i>Volume</i>	%	+4,4
	<i>Weight</i>	%	

