ORINGONE S.r.l.
P.IVA IT03705420168
R.E.A. 401419
Via Tribolina 16/B – 24064
Grumello del Monte (BG)
Italia

Z080

FKM 70 BLACK

REV. 3

General Application

Temperature Range

From -20°C
To 230°C

General Environmental Application

Chemicals
Hydrocarbons
High Temperatures

Compliances

MIL R 83248
EN 682:2001 H
VW 2.8.1

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 D297	g/cm³	1,90 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ASTM D412C	N/mm²	>7
Elongation	ASTM D412C	%	>110
Tear resistance	ASTM D624B	N/mm	>27
TR 10	ASTM D1329	°C	<-16
Brittle Point	ASTM D2137A	°C	<-17
C. Set 24h @200°C	ASTM D395B	%	<15
C. Set 70h @200°C	ASTM D395B	%	<21

AGEING PROPERTIES

Environment	Test STD	Unit	Value
---	ASTM D573		
	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
Air 70h @250°C	ASTM D573		
	Hardness Change	ShA	+3
	Tensile Strength	%	-4
	Elongation	%	-6,4
	Volume	%	
	Weight	%	
Oil ASTM 3 70h @100°C			
	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
Fuel ASTM C 70h @23°C			
	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	