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

Z427

FKM 75 BLACK HF

REV. 1

General Application

Temperature Range

From -15°C

To 220°C

General Environmental Application

Chemicals

Hydrocarbons

High Temperatures

Steam

Compliances

Note

Z427 is a peroxide cured tetrapolymer with high fluorine content (70% Fluorine) formulated for high performance sealing application in aggressive industrial environments, with outstanding resistance to solvents, fuels hot water and steam above 150°C

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	1,89 ± 0,03
Hardness	ASTM D2240	ShA	75 ± 5
Tensile Strength	ASTM D412	N/mm²	>13
Elongation	ASTM D412	%	>220
Tear resistance	ASTM D624B	N/mm	>30
TR 10	ASTM D1329	°C	<-5
Brittle Point		°C	<
C. Set 24h @150°C	ASTM D395B	%	<20
C. Set 70h @200°C	ASTM D395B	%	<29

AGEING PROPERTIES

Environment	Test STD	Unit	Value

	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	
Air 70h @250°C	ASTM D573		
	Hardness Change	ShA	+2,5
	Tensile Strength	%	-3
	Elongation	%	-10
	Volume	%	
	Weight	%	
Oil ASTM 3 70h @150°C	ASTM D471		
	Hardness Change	ShA	-0,5
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+1,5
	Weight	%	

	Hardness Change	ShA	
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	