

Dynamix

FKM COMPOUND EXTRUDED PRODUCT APPLICATION

Product Description

Chemical Composition	Copolymer of VF2 + HFP with 66% Fluorine
Application	Cords, Profiles
Colour	Black
Storage stability	Excellent
Form	Sheets / Slabs (1kg, 5kg or 20kg packing)



Physical Properties

Grade	Unit	Test Method	HKC E 70	HKC E 80
Specific Gravity	gm/cm ³	ASTM D 792	1.86	1.86
Hardness (±5)	Shore A	ASTM D 2240	70	80
Tensile Strength	kg/cm ²	ASTM D 412	110	120
Elongation at break	%	ASTM D 412	225	200
Compression Set				
200°C X 70 hrs	%	ASTM D 395 B	23	25
Heat Aging, 250 °C X 70 hrs		ASTM D 573		
Tensile Change	%		-5	-4
Elongation Change	%		-5	-6
Hardness Change	points		+1	+1

Curing Conditions:

Press Cure : 170°C x 10 min.

Oven Cure : 230°C x 24 hrs

Temperature Resistance

-20° to +200°C

TR10 (temperature of retraction): -16°C

Technical Notes:

Colour compounds are available as per specification and colour.

Above compounds are standard compounds, can be designed as per customers specification i.e. Specific Application such as Heat Resistance, Compression Set, Excellent Chemical resistance, Rheology and Processing.

Chemical Resistance

Concentrated acids	Good
Acetone	Poor
Benzene	Fair
Crude oil	Good
Toluene	Good
Fuel C	Good
Gasoline	Good
Ethanol	Good
Methylene chloride	Good
MEK	Poor
MIBK	Poor
Water < 100°C	Fair



Manufactured by:



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