

Dynamix

FKM COMPOUND LOW HARDNESS MOULDING APPLICATION

Product Description

Chemical Composition	Copolymer of VF2 + HFP with 66% Fluorine
Application	O'Ring and General Moulding
Colour	Black
Storage stability	Excellent
Form	Sheets / Slabs (1kg, 5kg or 20kg packing)

Physical Properties

Grade	Unit	Test Method	HKC 50
Specific Gravity	gm/cm ³	ASTM D 792	1.86
Hardness (±5)	Shore A	ASTM D 2240	50
Tensile Strength	kg/cm ²	ASTM D 412	75
Elongation at break	%	ASTM D 412	275
Compression Set 200°C X 70 hrs	%	ASTM D 395 B	20
ODR at 177°C, 3° Arc, 12 min			
ML Minimum Torque	in-lb		15.00
MH Maximum Torque	in-lb		68.00
ts2 Induction Time	min		2.52
Tc90 Curing Time	min		5.00

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:

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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