

FKM

ELAFTOR 8000 series



Manufacturer:
"HaloPolymer Kirovo-Chepetsk", LLC

Synonyms: FKM LT
Chemical composition: VDF+TFE+PMVE+CSM
Cure type: Peroxide
HS code: 3904692000
CAS number: 56357-87-0

ELAFTOR 8000 series is a peroxide cured fluoroelastomer which is a terpolymer of VDF+TFE+PMVE+CSM. Rubber made from ELAFTOR 8000 series has excellent low-temperature resistance.



Parameters of raw gum*:

PROPERTIES	UNITS	TYPICAL VALUE					TEST METHOD
		8035	8045	8065	8085	8095	
Appearance	-	White to yellowish-grey sheets, pellets or lumps of agglutinated crumbs. Point inclusions are allowed					Visually
Mooney viscosity, ML 1+10 @ 121°C / 250°F	MU	26-40	41-56	57-73	74-90	91-110	ISO 289-1
Volatile loss	% wt.max	0,5					ISO 248 (120°C / 248°F)
Fluorine content	% wt.	64					Potentiometric
T glass transition	°C	-30					ISO 22768

*These are typical properties and are not to be used for specification purpose.



Main application:

Elafitor 8000 is an excellent choice for making O-rings, hoses, seals, valve gaskets, diaphragms, membranes and other products.



Package:

ELAFTOR 8000 series is available in 22kg box



Safety and Handling:

- Handle in well-ventilated areas;
- Fumes must not be inhaled;
- Eye and skin contact must be avoided. In case of skin and eye contact wash with water immediately and seek medical help;
- Smoking is prohibited;
- Do not use metallic particulate as mixing agent as it can decompose at high temperature;
- Store away from heat, keep in clean and dry area.
- Before using fluoroelastomer please read the Material Safety Data Sheet carefully.

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