



V85-N117



This TDS describes a fluorocarbon FPM compound with good compression set and resistance to high temperature

This compound is intended for production of static and dynamic gaskets where high resistance to fluid and temperature is required





V85-N117

PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	DIN ISO 1183-1	g/cm ³	1,86±0,03
Hardness	DIN ISO 7619-1	Sh.A	85±5
Tensile strength	DIN 53504	N/mm ²	11,6
Elongation	DIN 53504	%	211,6
Modulus 100%	DIN 53504	N/mm ²	7,5
Tear resistance	DIN ISO 34-1	N/mm	20,4
Service temperature (min-max)	/	°C	-25/+210
Compression set			
25% - 24 hrs at 70 °C	DIN ISO 815-1	%	11,5
25% - 24 hrs at 100 °C	DIN ISO 815-1	%	10,5
25% - 24 hrs at 175 °C	DIN ISO 815-1	%	16,5

CHEMICAL RESISTANCE GUIDELINE

R = Resistant		NR = Not Resistant	
Chemical group / Media	Rating	Chemical group / Media	Rating
Air up to 200 °C	R	Mineral Oils	R
Alcohols	R	Oxygen	R
Biodegradable Oils	R	Ozone	R
Diesel	R	Silicone Oils	R
Fuels	R	Steam	NR
Hydrocarbons	R	Vegetable Oils	R
Gasoline	R		
HFD-R Fluid	R		
HFD-S Fluid	R		

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