



SEV7CC33

ELASTOMER: VITON FLUOROCARBON WITH: A FLUORINE RATE OF 66% (BLACK) **DENSITY:** 1.85 +/- 0.05

ADVANTAGES: Great chemical resistance; it can particularly stand hydrocarbons, air, heat, ozone, good gas impermeability.

APPLICATIONS: Gaskets and washers cutting, production of several parts in contact with the following liquids : water (>80°C), automobile and air fuel, products and fluids for aliphatic and aromatic hydrocarbons processing, hydraulic oils, fuel oil, alcohol and diluted acids.

	Measured characteristics	Unit	Control method	Obtained value
MECANICS	<i>Elastomer</i>			FKM
	<i>Density</i>	Kg/dm ³		1.85+/-0.05
	<i>Hardness Shore A</i>	Degree	ASTM D2240	72 ±5
	<i>Break resistance (Rr)</i>	MPa	ASTM D412	≥ 4
	<i>Elongation at break (Ar)</i>	%	ASTM D412	≥ 165
	<i>Break (Rd)</i>			
	<i>Abrasion</i>			
AGEING	<i>Persistent distortion</i>			
	<i>After compression (DRC)</i>	%	ASTM D395	≤ 55
	<i>22h, 175°C</i>		Method B	
TEMPERATURE	<i>ΔRr/Rr after 7 days, 70°C</i>	%		
	<i>ΔAr/Ar after 7 days, 70°C</i>	%		
OIL RESISTANCE	<i>Ozone resistance</i>			
	<i>Use temperature</i>	°C		-10/ +250
OIL RESISTANCE	<i>Cold resistance</i>	°C		
	<i>IRM 903 : 70h, 100°C</i>	%	ASTM D471	≤ 10