



## SE13CC68

**ELASTOMER:** HIGH-DEFINITION EPDM (BLACK)      **DENSITY:** 1.30 +/- 0.05

**ADVANTAGES:** Stands ozone and temperature very well, good ageing, good value for money

**APPLICATIONS:** Gaskets and washers cutting; making several parts in contact with water (maximum temperature 70°C), oxidizing acids and non-oxidizing diluted acids

	Measured characteristics	Unit	Control method	Obtained value
<b>MECANICS</b>	Elastomer			EPDM
	Density	Kg/dm <sup>3</sup>	NFT 46-030	1.30+/-0.05
	Hardness DIDC	Degree	NF ISO 48	65 +/-5
	Break resistance (Rr)	MPa	NFT 46-002	≥ 5
	Elongation at break (Ar)	%	NFT 46-002	≥ 200
	Break (Rd)	kN/m	ISO 34-1	≥ 20
	Abrasion (Charge de 1daN)			
	Persistent distortion			
	After compression (DRC)			
	22h, 70°C	%		≤ 40
22h, 100°C	%		≤ 60	
<b>AGEING</b>	ΔRr/Rr after 70h, 100°C	%	NFT 46-004	≤ +/-30
	ΔAr/Ar after 70h, 100°C	%	NFT 46-002	≤ -50
	Ozone resistance 200ppcm		NFT 46-019	Very well
<b>TEMPERATURE</b>	Use temperature	°C	NFT 46-018	+120
	Cold resistance	°C	NFT 46-018	-25
<b>RESISTANCE TO ASTM D471 OILS</b>	Oil resistance n°1 :			
	ΔRr/Rr after 70h, 100°C			
	ΔAr/Ar after 70h, 100°C			
	ΔV/V after 70h, 100°C			
	IRM 903 :			
	ΔRr/Rr after 70h, 100°C			
ΔAr/Ar after 70h, 100°C				