



## SE13CC70

**ELASTOMER:** HIGH-DEFINITION BLACK NITRILE **DENSITY:** 1.38 +/- 0.05  
**ADVANTAGES:** Great oil resistance, good ageing, stands dry heat very well (+110°C maximum)  
**APPLICATIONS:** Gaskets and washers cutting, having several parts in contact with the following liquids:

- Oils and vegetal or animal fats (+100°C maximum)
- Hydrocarbons Hydrocarbures (aromatics content ≤30% and maximum T° +20°C)

	Measured characteristics	Unit	Control method	Obtained value	Symbol according to the NFT 47-402 standard
<b>MECHANICS</b>	<i>Elastomer</i>			NBR	4
	<i>Density</i>	Kg/dm <sup>3</sup>	NFT 46-030	1.38+/-0.05	
	<i>Hardness DIDC</i>	Degree	NF ISO 48	70 +5/-4	7
	<i>Break resistance (Rr)</i>	MPa	NFT 46-002	≥ 8	07
	<i>Elongation at break (Ar)</i>	%	NFT 46-002	≥ 275	
	<i>Break (Rd)</i>	kN/m	NFT 46-007	≥ 16	
	<i>Abrasion (10N load)</i>	mm <sup>3</sup>	DIN 53-516	≤ 350	
	<i>Persistent distortion After compression (DRC) 70h, 70°C</i>	%	ASTM D395 Method B	≤ 60	
<b>ASTM D573 AGEING</b>	ΔRr/Rr after 7 days, 70°C	%		≤ -20	A2
	ΔAr/Ar after 7 days, 70°C Ozone resistance	%		≤ -30	
<b>TEMPERATURE</b>	Use temperature	°C	NFT 46-018	-15/ +110	
	Cold resistance	°C	NFT 46-018	-15	
<b>RESISTANCE TO ASTM D471 OILS</b>	<i>Oil resistance n°1 :</i>				
	ΔRr/Rr after 70h, 100°C	%		≤ -15	
	ΔAr/Ar after 70h, 100°C	%		≤ -40	
	ΔV/V after 70h, 100°C	%		-20 à +5	
	<i>IRM 903 :</i>				
ΔRr/Rr after 70h, 100°C	%	NFT 46-013	≤ -20	E11	
ΔAr/Ar after 70h, 100°C	%	NFT 46-002	≤ 30		