



# SE11CC60

**ELASTOMER:** HIGH-DEFINITION BUTYL (BLACK)

**DENSITY:** 1.10 +/- 0.05

**ADVANTAGES:** It stands ozone, acids and bases, cold and heat; good ageing. It rapidly regains its initial shape; good break resistance.

**APPLICATIONS:** Cutting of gaskets, washers, making of different parts in contact with water (maximum temperature +140°C), seawater, swimming pool water, detergent water (maximum temperature +80°C), steam (Temperature  $\leq +140$ ).  
Can get in contact with: sulphuric acid (maximum concentration 95%, maximum temperature 20°C), nitric acid (maximum concentration 50%, maximum temperature 20°C), hydrochloric acid (maximum concentration 37%, maximum temperature 70°C), lime, potash, soda...

	Measured characteristics	Unit	Control method	Obtained value	Symbol following the FT 47-402 standard
<b>MECHANICS</b>	Elastomer			IIR	2
	Density	Kg/dm <sup>3</sup>	NFT 46-030	1,10+/-0,05	
	Hardness DIDC	Degree	NF ISO 48	57 +5/-4	6
	Break resistance (Rr)	MPa	NFT 46-002	≥ 14	14
	Elongation at break (Ar)	%	NFT 46-002	≥ 550	
	Break (Rd)	kN/m	NFT 46-007	≥ 25	G2
	Abrasion (10N load)	mm <sup>3</sup>	DIN 53-516	≤ 450	
	Persistent distortion After compression (DRC) 22h, 70°C	%	ASTM D395	≤ 25	B1
<b>AGEING ASTM D573</b>	ΔRr/Rr after 7 days, 70°C	%	NFT 46-004	≤ -20	A2
	ΔAr/Ar after 7days, 70°C	%	NFT 46-002	≤ -30	
	Ozone resistance 200ppcm, 72h, 30°C, 20%		ASTM D1149	No crack	
<b>TEMPERATURE</b>	Use temperature	°C	NFT 46-018	-40/ +100	
	Cold resistance	°C	NFT 46-018	-40	
<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				