



SE13CC55R

(ELECTRIC INSULATION)

ELASTOMER: NR, for electric insulation (RED)

DENSITY: 1.30

ADVANTAGES: Possibility of creating security products

APPLICATIONS: Electrical/insulating carpet.

As a plate: it is intended to be placed in front of switchgear boards.

As a roll: it is used as an intervention material for live work.

	Measured characteristics	Unit	Obtained value
MECANICS	<i>Elastomer</i>		NR
	<i>Density</i>	Kg/dm ³	1.30+/-0.05
	<i>Hardness</i>	DIDC	55 +5/-4
	<i>Break resistance (Rr)</i>	MPa	≥ 20
	<i>Elongation at break (Ar)</i>	%	≥ 500
	<i>Break (Rd)</i>	kg/cm	≥ 15
	<i>Abrasion (5N load)</i>	mm ³	130
	<i>Persistent distortion After compression (DRC) 22h, 70°C</i>	%	≤40
AGEING	ΔRr/Rr after 7 days, 70°C	% max	-30
	ΔAr/Ar after 7 days, 70°C	% max	-50
	Ozone resistance		
TEMPERATURE	Use temperature	°C	-40/ +70
	Cold resistance	°C	-40
ELECTRIC INSULATION <i>(Breakdown voltage)</i>	Thickness 3 mm	kV	> 41
	Thickness 4 mm	kV	> 45
	Thickness 5 mm	kV	> 51
	Thickness 6 mm	kV	> 61

Thickness (mm)	Width (mm)	Weight (kg/m ²)	Aspect
3 ± 0.4	1,400 ± 50	3.90	2FL
4 ± 0.5	1,400 ± 50	5.20	2FL
5 ± 0.5	1,400 ± 50	6.50	2FL
6 ± 0.6	1,400 ± 50	7.80	2FL