

Date	A+A 2013	Satisfactory YES/NO	YES
Formulation N°	1456	Registered	YES
Reference	NBR AF H1	Test made by:	Pedro García

Name of the article	NITRIL RUBBER SOLES
Compound	VULCANISED RUBBER

Type of test	Norms	Results	Request
HARDNESS	UNE EN ISO 7619-1	70 =3''=> 61 °Sh A	
DENSITY	UNE 53526 (método A)	1.22 g/cm³	
ABRASION RESISTANCE	UNE EN 12770	115 mm³	< 150 mm³
TENSILE STRENGTH	UNE EN 12803 (halterio 2)	14.00 N/mm²	
ELONGATION	UNE EN 12803 (halterio 2)	740%	
TEAR STRENGTH	UNE EN 12771	14.00 N/mm	> 8 N/mm
ELECTRICAL RESISTANCE	UNE EN 20344	50 MΩ	>0.1MΩ <1000MΩ
FLAME RESISTANCE - AFTER-FLAME TIME - AFTER-GLOW TIME	UNE EN 15090	0 seg. 0 seg.	< 2 seg. < 2 seg.
RESISTANCE TO FUEL OIL - VOLUME VARIATION	UNE EN 20344	< 12 %	< 12 %
RESISTANCE TO HOT CONTACT APPEARANCE	UNE EN 20344	Without any appreciable damage	Without any appreciable damage

General notes

The test have been carried out in rubber sheets (thickness 2 and 5 mm.). This rubber is currently used in this reference.

The electrical resistance, according to UNE EN ISO 20344 is for the whole shoes. The electrical resistente is tested in a 5 mm. sheet of rubber.