

Material data sheet 66612

NBR 80

Indicative temperature range : **-20°C / 100°C**

Color :

RoHS (2002/95)

VHU (2000/53)

Properties

Property	Standard	Unit	Required value	Value
Hardness	ASTM D2240	Shore A	80+/- 5	
Tensile strength	ASTM D412/ C	MPa	>10	
Specific gravity	ASTM D1817	g/ cm3	1.3+/- 0.1	
Maximum elongation	ASTM D412/ C	%	>100	
Compression set	ASTM D395/ B	%	<25	
	<i>Initial deformation 25 % - Temperature 100 °C - Duration 22 h - Media Air</i>			

Ageing

Media	Temperature °C	Duration h	Traction %	Elongation %	Hardness Pts	Volume %	Weight %
Air	100 °C	70 h	-15 / 20	-35 / 0	-5 / 10		
Water	100 °C	70 h	-10 / 15	-20 / 15	-10 / 5		
ASTM 1	+100 °C	70 h	-20 / 25	-40 / 15	-5 / 15		
ASTM 3	100 °C	70 h	-35 / 15	-35 / 15	-10 / 5		

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006
These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc.

