

Due to changing regulations, some characteristics of our materials may change.
We invite you to request a regularly updated data sheet.

SPECIFICATIONS

SPECIFICATIONS	VALUES	STANDARDS
HARDNESS 5 SEC	15 shA	ISO 868
DENSITY	0.5	ISO 2781
OPERATING TEMPERATURE	-50.0°C / 75.0°C	
COLOUR	Natural white colorable	

Prodene P050 is a foamed thermoplastic elastomer rubber of SEBS type.
This quality offers a good resistance to atmospheric agents, to ageing, to UV and to usual products (excluding organic solvents, aromatic and vegetable oils).

REGULATORY CONFORMITY

Reach 1907/2006/CE - RoHS 2011/65/CE - DEEE 2012/19/CE - VHU 2000/53/CE

CHEMISTRY

BUILDING / CSTB

VOC : SNFA has realized a study on windows powder-coated aluminium QUALICOAT with TPE gaskets.
The SNFA technical report, available on request, demonstrates that the TPE family is classified A+.

FIRE RESISTANCE

No

OTHER INFORMATION

Internal test of water absorption : dumping without pressure 240 hours in water. Temperature 21°C: Absorption rating : 0.3 %.

Quick ageing test made by HEXPOL TPE. Grey scale according to ISO 105-A02.

Spectrophotometry according to EN ISO 4892-2:2006. Q-Sun Xe3HS illuminant D65, 10°

Results :

Duration Appearance Grey scale d E brightness iso 2813 : 20° 60° 85°

0 hrs :	NA	NA	NA	0,1	1,1	0,4
---------	----	----	----	-----	-----	-----

1000 hrs : no bubbles no cracks no deformation 4/5 0,69 0,3 2,4 0,8

2000 hrs : no bubbles no cracks no deformation 4/5 2,21 0,2 2,3 0,7

3000 hrs : on-surface cracks 4/5 0,51 0,2 1,4 1,1

Test results on request

Can be stucked with kit Loctite 406 + primer 770.

FOOD CONTACT

CE

GUARANTEE LIMIT

The information in this leaflet is the most accurate expression of our current knowledge. However, they are given for information only. In addition, the conditions of employment beyond our control, this information does not imply any guarantee on our part. Each user of the material shall ensure, by all available means (including testing of the finished product in its appropriate environment) the suitability of the material supplied for its particular application. Our company can not be held responsible for any problem due to improper or inappropriate use of its materials.