

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 | 72 shA | ISO 868 |
| DENSITY | 0.97 | ASTM D792 - ISO 1183 |
| TENSILE STRENGTH AT BREAK | 7.4 MPa | ASTM D412 - ISO 37 |
| ELONGATION AT BREAK | 450 % | ASTM D412 - ISO 37 |
| D.R.C. 22H / 70°C | 30 % | ASTM D395 B - ISO 815 |
| D.R.C. 70H / 125°C | 41 % | ASTM D395 B - ISO 815 |
| OPERATING TEMPERATURE | -50.0°C / 90.0°C | |
| COLOUR | Natural black not colorable | |

Prodene P503/70SH is a thermoplastic elastomer rubber of TPV-PP-EPDM type, with good mechanical properties and good resistance to UV and atmospheric agents.
It offers a very good resistance to chemical products, diluted acids and bases.
Prodene P503/70SH is 100% recyclable.

REGULATORY CONFORMITY

Reach 1907/2006/CE - RoHS 2011/65/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+.

This quality is made by Exxon (Santoprene 121-67w175) and registered on the list of the materials approved in compliance with the reference table of ratification QB36. Grades 4 and 5

FIRE RESISTANCE

Classification according to NF EN 13501-1 (2007) +A1 (2009) : E

OTHER INFORMATION

This quality is compatible with silicone sealant SIKA : Sikasil SG500, Sikasil WS605 grey, Sikasil WS605 translucent ; Sikasil IG25 HM+ - TREMCO ILLBRUCK : SG499 - PROGLAZE VEC99, SG490 - PROGLAZE VEC90, FA101 white, FA125 white, FS125 black - DOW CORNING 3362 Silicone Insulating Glass Sealant (dark colors only), 3362HD Adhesive Sealant (dark colors only), 791 Silicone Weatherproofing Sealant (dark colors only), 791-T Weatherproofing Sealant (dark colors only), 796 PVC-U Aluminium & Wood Silicone Sealant (dark colors only), 799 EU Glaze and Go Neutral Sealant, 895 (dark colors only), Structural Glazing (dark colors only), 993 Structural Glazing Sealant (dark colors only), Firestop 700 Silicone.

P503/70sh is compatible with polycarbonate MAKROLON UV CLEAR 2099.

Can be stucked with kit Loctite 406 + primer 770.

Can be stucked with Novoproof Kleber FA on : glass - stainless steel - gross fir wood - anodized alu - lacquered alu - raw alu - raw concrete.

FOOD CONTACT

No

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.