

	TECHNICAL SHEET	P404/70SH	Updated
			2020-10-13

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

SPECIFICATIONS		
SPECIFICATIONS	VALUES	STANDARDS
HARDNESS 5 SEC	70 shA	ISO 868
DENSITY	1.18	ISO 2781
TENSILE STRENGTH AT BREAK	7.4 MPa	ISO 37
D.R.C. 72H / 23°C	23 %	ISO 815-B
D.R.C. 24H / 70°C	48 %	ISO 815-B
D.R.C. 24H / 100°C	65 %	ISO 815-B
OPERATING TEMPERATURE	-50.0°C / 90.0°C	
COLOUR	Natural white colorable	

Prodene P404 - 70sh is a thermoplastic elastomer rubber of TPS-S.E.B.S type.
This quality offers a good resistance to atmospherics agents, ageing, to UV and to usual chemical products (excluding organic solvents, aromatic and vegetable oils).
Prodene P404 - 70sh is recyclable at 100%.

REGULATORY CONFORMITY
Reach 1907/2006/CE - RoHS 2011/65/CE - DEEE 2012/19/CE

CHEMISTRY
Our raw material is certified without : Halogenic

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
P404/70sh is an extrusion grade, developed to meet the requirements of CSTB QB36 Grade 4 and 5. P404/70sh is compatible with polycarbonate MAKROLON UV CLEAR 2099. Quick ageing test made by ELASTOI : Grey Material RAL 9018. Xenon Arc* (ISO 4892-1) Grey Scale after 1500 hours (ISO 105 A02) : 4/5 Delta E after 1500 hours (ELASTO internal) : 1,05 Grey Scale 4000 hours (ISO 105 A02) : 4 Elongation at Break 4000 hours (ISO 37) : 414% Can be stuck with kit Loctite 406 + primer 770. Can be stuck with Novoproof Kleber FA on : glass - stainless steel - gross fir wood - anodized alu - lacquered alu - raw alu - raw concrete.

FOOD CONTACT
No

GUARANTEE
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.

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