

	RAW MATERIAL SHEET	P123	Updated
	CSTB QB 36 GRADES 4-5 & RAL-GZ 716-1 5W		2020-10-13

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	68 shA	ISO 868
DENSITY	1.13	ISO 1183
TENSILE STRENGTH AT BREAK	12 MPa	DIN 53504 ISO 37
ELONGATION AT BREAK	750 %	DIN 53504 ISO 37
D.R.C 24H / -25°C	55 %	DIN ISO 815-2 Method 1
D.R.C. 72H / 23°C	20 %	DIN ISO 815-1 Method A
D.R.C. 24H / 70°C	34 %	DIN ISO 815-1 Method A
OPERATING TEMPERATURE	-40.0°C / 90.0°C	
COLOUR	Natural black not colorable	

Prodene P123 is a thermoplastic elastomer rubber of SEBS type dedicated to replace EPDM & natural rubber.
This quality offers a good resistance to atmospheric agents, ageing and UV. It also has a strong chemical inertia regarding acids, bases and detergent products.
Prodene P123 is 100% recyclable.

REGULATORY CONFORMITY
Reach 1907/2006/CE - RoHS 2011/65/CE - VHU 2000/53/CE - PHAs 1272/2013/CE

CHEMISTRY
Our raw material is certified without : Nano particles - Phthalate

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+.
German standard : gasket for windows according to RAL GZ 716/1. This quality is made by Kraiburg Tpe (reference TP7SKZ) and registered on the list of the materials approved in compliance with the reference table of ratification N° CSTB/DER/BV PEM. Grade 4-5

FIRE RESISTANCE
No

OTHER INFORMATION
This quality is compatible with silicone sealant SIKA : Sikasil SG500 - TREMCO ILLBRUCK : SG499 - PROGLAZE VEC99, SG490 - PROGLAZE VEC90, FA101 white, FA125 blanc, FS125 black - DOW CORNING 3362 Silicone Insulating Glass Sealant, 3362HD Adhesive Sealant, 791 Silicone Weatherproofing Sealant, 791-T Weatherproofing Sealant, 796 PVC-U Aluminium & Wood Silicone Sealant, 799 EU Glaze and Go Neutral Sealant, 895 Structural Glazing, 993 Structural Glazing Sealant, Firestop 700 Silicone Sealant.
P123 does not present interaction with materials : PC (polycarbonate) MAKROLON UV Clear 9030.
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 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.

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