

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	DIN ISO 7619
DENSITY	1.14	DIN EN ISO 1183-1
TENSILE STRENGTH AT BREAK	11 MPa	DIN 53504 ISO 37
ELASTIC RECOVERY 22H 23°C (30 MIN)	750 %	DIN 53504 ISO 37
D.R.C 24H / -25°C	80 %	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	45 %	DIN ISO 815-1 Method A
OPERATING TEMPERATURE	-40.0°C / 90.0°C	
COLOUR	Natural white RAL 9016 colorable	

Prodene P123-9016 is a thermoplastic elastomer rubber of SBS 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 P123-9016 is 100% recyclable.

REGULATORY CONFORMITY

Reach 1907/2006/CE - RoHS 2011/65/CE - VHU 2000/53/CE - PHAs 1272/2013/CE - China RoHS2 and BG/T 26572-2011 - 2019/1021 ; 2021/277

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+.

This quality is made by Kraiburg Tpe (reference TP7HPN) 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: FA101 white, FA125 white, FS125 black - DOW CORNING 3362 Silicone Insulating Glass Sealant, 3362HD Adhesive Sealant, 791 Silicone Weatherproofing Sealant (dark colors only), 791-T Weatherproofing Sealant, 796 PVC-U Aluminium & Wood Silicone Sealant (dark colors only), 799 EU Glaze and Go Neutral Sealant, 895 (dark colors only), Structural Glazing, 993 Structural Glazing Sealant, Firestop 700 Silicone.

P123-9016 is compatible with polycarbonate MAKROLON UV CLEAR 2099.

P123-9016 does not present interaction with materials : PP (polypropylene) ; ABS (acrylonitrile butadiene styrene) ; PA (polyacrylate) ; PC (polycarbonate) ; PMMA (Polymethyl methacrylate).

Can be stucked with kit Loctite 406 + primer 770.

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.