

	<b>RAW MATERIAL SHEET</b>	<b>P524</b>	<b>Updated</b>
	<b>CSTB QB36 GRADE 5</b>		<b>2021-09-17</b>

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	64 shA	ISO 868
DENSITY	0.95	ASTM D792 - ISO 1183
TENSILE STRENGTH AT BREAK	5.7 MPa	ASTM D412 - ISO 37
ELONGATION AT BREAK	470 %	ASTM D412 - ISO 37
D.R.C. 22H / 70°C	32 %	ASTM D395 B - ISO 815
D.R.C. 70H / 125°C	60 %	ASTM D395 B - ISO 815
OPERATING TEMPERATURE	-50.0°C / 90.0°C	
COLOUR	Off-white colorable	

Prodene P524 is a thermoplastic elastomer rubber of PP-EPDM type with an excellent resistance to outdoor ageing, to acids and bases, and to oil spatters.  
It is dedicated to replace rubbers such as : EPDM, polychloroprene (neoprene) and polyethylene chlorosulfone (Hypalon).  
Prodene P524 is 100% recyclable.

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

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

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 8221-60) and registered on the list of the materials approved in compliance with the reference table of ratification QB36 Grade 5.

FIRE RESISTANCE
UL94 HB
UL94 HB width 1,1mm and 3mm all colours

OTHER INFORMATION
This quality is compatible with silicone sealants : SIKASIKASIL SG 500, and WS 605S, TREMCO proglaze LM, HM, S, TN, Mono, FA101 white, FA125 white, 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 (dark colors only) Structural Glazing, 993 Structural Glazing Sealant, Firestop 700 Silicone Sealant.
P524 is compatible with self-cleaning glasses : Bioclean from SAINT GOBAIN & Pilkington Active from PILKINGTON.
P524 is compatible with PMMA ALTUGLASS and polycarbonate MAKROLON UV CLEAR 2099.
Can be stuck 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.

PRODEX - Parc industriel de Chartres - 32 avenue Louis Pasteur - 28630 GELLAINVILLE - Tel : +33 2 37 25 77 83 - Fax : +33 2 37 25 99 84 - Email : [prodex@prodex-elastomeres.com](mailto:prodex@prodex-elastomeres.com)  
<https://www.prodex-elastomeres.com>