vanéflon n.v. s.a.
ISO 9001 CERTIFIED
HIGH PERFORMANCE PLASTICS
HIGH PERFORMANCE SOLUTIONS

PTFE Carbon Fibers

90% PTFE
10% Carbon Fibers

Properties	Norm	Value	Unit
Mechanical properties			
Hardness shore D	ASTM D2240	66	Sh. D.
Tensile strength (23°C)	ASTM D4894	27,6	N/mm²
Elongation at break (23°C)	ASTM D4894	280	%min
Tensile modulus	ASTM D638	121	N/mm²
Diametric shrinkage	ASTM D4894	1,4	%
Physical properties			
Deformation after 24h at 23°C – 15N/mm²	ASTM D621	5	%
Thermal properties			
Maximum Continuous operating temperature	--	250	°C
Minimum Continuous operating temperature	--	-200	°C

Disclaimer: Information contained in this data sheet is up-to-date and correct as at the date of issue. The given information is only informative and we cannot guarantee the accuracy nor can we take any accountability for the use of this information. The customer is responsible for the quality of products and has to test usage and processing to use. Some values are based on the datasheet of the supplier, internal tests and research. The values are guideline values that can be used for comparison for material selection.

Vanéflon nv/sa
Industrieterrein Zwaarveld 12
9220 Hamme - Belgium

Tel.: +32(0)52 47 63 99
Fax.: +32(0)52 47 68 64
contact@vaneflon.com

Date: 01-02-2019
Version: B