



## NEUFLON 197

This TDS describes a filled PTFE made by compression molding and sintering of non free flow powder, used in the production of high performance components

Low friction  
Good creep value  
Great wear resistance  
Non lubricated reciprocating and rotary application

Mainly used for Slippers, Rotoslippers, Rotolip and Enerseal





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PROPERTY	METHOD	UNITS	VALUE
<u>PHYSICAL-MECHANICAL</u>			
Color			Black/Grey
Specific gravity	ASTM D792	g/cm <sup>3</sup>	2,07-2,12
Hardness	ASTM D2240	Sh.D	≥60
Tensile strength	ASTM D4745	MPa	≥13
Elongation	ASTM D4745	%	≥60
Deformation under load (140 Kg/cm <sup>2</sup> 24hrs at 23°C)	ASTM D621	%	5-7
Coefficient of dynamic friction	ASTM D1894	/	0,11-0,13
Wear coefficient	/	10 <sup>-8</sup> .cm <sup>3</sup> .min/ Kg m h	34
<u>THERMAL</u>			
Service temperature (min-max)	/	°C	-200/+260
Coeff. of linear thermal expansion (25-100 °C)	ASTM D696	10 <sup>-5</sup> (mm/mm)/ °C	7-12

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