

## DATASHEET – PCTFE

### VOLTALEF® , KEL-F® , NEOFLON ®

#### KEY POINTS

- High limiting oxygen index (LOI)
- Good chemical resistance
- Zero moisture absorption
- Non wetting

#### PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE	UNIT
Tensile strength (23°C)	ISO 527-1/-2	32-37	MPa
Elongation at break	ISO 527-1/-2	185-200	%
Hardness – Shore D	ISO 868	80-90	Scale D
Melt temp	ISO 11357-1/-3	210-212	°C
Service temp. range	/	-273 up to 140	°C
Specific density	D 1430	2.11-2.16	g/cm <sup>3</sup>
Water absorption (24hr)	ISO 62	< 0.01	%

#### APPLICATIONS

- Cryogenics
- Moisture barrier
- Valves
- O-rings
- Wire and cable insulation
- ...



Industrieterrein Zwaarveld 65  
B-9220 Hamme - Belgium

The data above are provided purely for information and are presented as a guide to choose from our range of materials. These values are within the normal tolerance range of product properties and do not represent guaranteed property values. The actual values of the properties of a particular product may differ from the indicated values. Since the properties also depend on the dimension of the finished product.