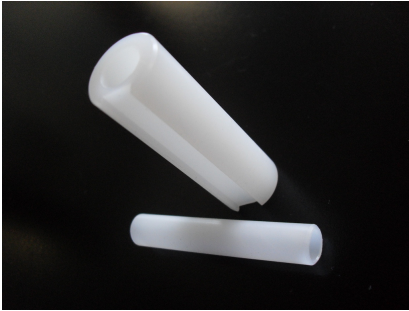


## Multiplast PVDF



Properties	Units	
Water absorption (24 hours)	%	-
Hardness	Shore D	80
Coefficient of friction (Dynamic)		0,3
Tensile strength	MPa	38 - 50
Impact strength	KJ/m <sup>2</sup>	-
Density	g/cm <sup>3</sup>	1,78
Max. service temperature short term	°C	150
Max. service temperature long term	°C	150
Elongation at break	%	>30
Specific volume resistance	Ω*cm	10 <sup>14</sup>
Color	-	opaque
Coefficient of thermal expansion (23-55°C)	°C <sup>-1</sup>	13x10 <sup>-5</sup>
Dielectric constant (10 <sup>6</sup> Hz)	-	8
Dielectric strength	kV/mm	10 - 60

### Product description:

Multiplast PVDF (Polyvinylidene fluoride) has the following main features:

- Inherently flame retardant (UL94 V-O)
- Very good chemical resistance
- Continuous service temperature up to 260 °C
- Very good UV-resistance
- Very good sliding properties
- Very good electrical insulating

### Applications:

Valve housings, filter plates, pump housings, tank linings, plugs, insulators, rollers, flanges, pipe linings and seals.