

**PIEFFE POLITAKE 500**

CARATTERISTICHE <i>Properties</i>	NORMA <i>Test method</i>	UNITA' DI MISURA <i>Measurement unit</i>	VALORE <i>Value</i>
DENSITA' <i>Density</i>	ISO 1183-1	g/cm ³	0,96
CARICO A ROTTURA <i>Tensile strength</i>	ISO 527-1	N/mm ²	28
RESISTENZA ALLA ROTTURA <i>Breaking strength</i>	ISO 527-1	N/mm ²	36
ALLUNGAMENTO A ROTTURA <i>Elongation at break</i>	ISO 527-1	%	>600
MODULO DI ELASTICITA' IN TENSIONE <i>Modulus of elasticity in tension</i>	ISO 527-1	N/mm ²	1200
RESISTENZA ALLA LACERAZIONE <i>Impact strength</i>	ISO 179	mJ/mm ²	>20
DUREZZA <i>Hardness</i>	ISO 868	Shore D	64
TEMPERATURA DI FUSIONE <i>Melting temperature</i>	DIN 53736	°C	130-135
CONDUTTIVITA' TERMICA <i>Thermal conductivity</i>	DIN 52572	K-1	1,5 – 2·10 ⁻⁴
COMPORAMENTO IN COMBUSTIONE <i>Combustion behaviour</i>	ISO 1210 (UL 94)	-	HB
RESISTIVITA' SPECIFICA <i>Insulation resistance</i>	DIN EN 60093	Ω · cm	10 ¹⁴
RESISTIVITA' SUPERFICIALE <i>Surface resistivity</i>	DIN EN 60093	Ω	10 ¹⁵
RIGIDITA' DIELETTRICA <i>Dielectric strength</i>	DIN VDE 0303	kV/mm	-
FATTORE DI DISSIPAZIONE ALLA 10 ⁶ Hz <i>Dielectric loss factor at 10⁶ Hz</i>	IEC 250	-	<2·10 ⁻⁴

All statements, technical information and recommendations contained in this database are presented in good faith, based upon tests believed to be reliable and practical field experience. The reader is cautioned, however, that PIEFFE srl cannot guarantee the accuracy or completeness of this information, and it is the customer's responsibility to determine the suitability of PIEFFE srl products in any given application.