



PIEFFE LAMITAKE 50

CARATTERISTICHE <i>Properties</i>	NORMA <i>Test method</i>	UNITA' DI MISURA <i>Unit</i>	VALORE <i>Value</i>
DENSITA' <i>Density</i>	DIN EN ISO 1183-1	g/cm ³	1,42
ASSORBIMENTO DI UMIDITA' <i>Water absorption</i>	DIN EN ISO 62	%	0,2
COMPORAMENTO IN COMBUSTIONE <i>Flammability</i>	ISO 1210 (UL 94)	-	HB
TENSIONE DI SNERVAMENTO <i>Tensile strength</i>	DIN EN ISO 527	MPa	75
ALLUNGAMENTO A ROTTURA <i>Elongation at break</i>	DIN EN ISO 527	%	30
MODULO E/RIGIDITA' (tiro) <i>Tensile modulus of elasticity</i>	DIN EN ISO 527	MPa	3200
RESILIENZA (Charpy) <i>Notched impact strength (Charpy)</i>	DIN EN ISO 179	kJ/m ²	10,0
DUREZZA BRINELL <i>Ball indentation hardness</i>	DIN EN ISO 2039-1	MPa	160
DUREZZA SHORE <i>Shore hardness</i>	DIN EN ISO 868	Shore D	83
TEMPERATURA DI FUSIONE <i>Melting temperature</i>	ISO 11357-3	°C	175
TEMPERATURA DI UTILIZZO SUL L.T. <i>Service temperature, long term</i>	-	°C	-50/+90
TEMPERATURA DI UTILIZZO SUL B.T. <i>Service temperature, short term</i>	-	°C	150
COSTANTE DIELETTICA RELATIVA <i>Dielectric constant</i>	DIN IEC 60250	-	3,8
FATTORE DI DISSIPAZIONE DIELETT. <i>Dielectric dissipation factor</i>	DIN IEC 60250	-	0,0020
RESISTIVITA' SPECIFICA <i>Specific volume resistivity</i>	DIN EN 60093	Ω · cm	10 ¹⁵
RESISTIVITA' SUPERFICIALE <i>Surface resistivity</i>	DIN EN 60093	Ω	10 ¹⁵
RIGIDITA' DIELETTICA <i>Dielectric strength</i>	DIN EN 60243	kV/mm	25

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.