



PIEFFE PETBAKE 500

CARATTERISTICHE <i>Properties</i>	UNITA' DI MISURA <i>Measurement unit</i>	NORMA <i>Test method</i>	VALORE <i>Value</i>
DENSITA' <i>Density</i>	g/cm ³	DIN EN ISO 1183-1	1,38
ASSORBIMENTO DI UMIDITA' <i>Water absorption</i>	%	DIN EN ISO 62	0,3
COMPORAMENTO IN COMBUSTIONE <i>Flammability</i>	-	ISO 1210 (UL 94)	HB
TENSIONE DI SNERVAMENTO <i>Tensile strength</i>	MPa	DIN EN ISO 527	85
ALLUNGAMENTO A ROTTURA <i>Elongation at break</i>	%	DIN EN ISO 527	15
MODULO E/RIGIDITA' (tiro) <i>Tensile modulus of elasticity</i>	MPa	DIN EN ISO 527	3000
RESILIENZA (Charpy) <i>Notched impact strenght (Charpy)</i>	kJ/m ²	DIN EN ISO 179	3,5
DUREZZA BRINELL <i>Ball indentation hardness</i>	MPa	DIN EN ISO 2039-1	170
DUREZZA SHORE <i>Shore hardness</i>	Shore D	DIN EN ISO 868	84
TEMPERATURA DI FUSIONE <i>Melting temperature</i>	°C	ISO 11357-3	255
TEMPERATURA DI UTILIZZO SUL L.T. <i>Service temperature, long term</i>	°C	-	-20/+115
TEMPERATURA DI UTILIZZO SUL B.T. <i>Service temperature, short term</i>	°C	-	180
COSTANTE DIELETTRICA RELATIVA <i>Dielectric constant</i>	-	DIN IEC 60250	3,4
FATTORE DI DISSIPAZIONE DIELETT. <i>Dielectric dissipation factor</i>	-	DIN IEC 60250	0,0010
RESISTIVITA' SPECIFICA <i>Specific volume resistance</i>	Ω · cm	DIN EN 60093	10 ¹⁸
RESISTIVITA' SUPERFICIALE <i>Surface resistance</i>	Ω	DIN EN 60093	10 ¹⁶
IND. RILEVAMENTO LINEA DISPERSIONE <i>Comparative tracking index</i>	-	DIN EN 60112	600
RIGIDITA' DIELETTRICA <i>Dielectric strength</i>	kV/mm	DIN EN 60243	20

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.