

**PIEFFE P100**

CARATTERISTICHE <i>Properties</i>	NORMA <i>Test method</i>	UNITA' DI MISURA <i>Measurement unit</i>	VALORE <i>Value</i>
DUREZZA <i>Hardness</i>	ASTM D-2240	Sh A	88
MODULO AL 100 % DI ALL. <i>Modulus 100%</i>	ASTM D-412 Tirato a 8,5 mm/s <i>Pulled at 20 in /min</i>	Mpa	6,9
MODULO AL 300 % DI ALL. <i>Modulus 300%</i>	ASTM D-412 Tirato a 8,5 mm/s <i>Pulled at 20 in /min</i>	Mpa	11,7
CARICO A ROTTURA <i>Tensile strength</i>	ASTM D-412 Tirato a 8,5 mm/s <i>Pulled at 20 in /min</i>	Mpa	28,3
ALLUNGAMENTO A ROTTURA <i>Elongation at break</i>	ASTM D-412 Tirato a 8,5 mm/s <i>Pulled at 20 in /min</i>	%	450
RIMBALZO ELASTICO <i>Resilience Rebound</i>	ASTM D-2632	%	50
RESISTENZA ALLA LACERAZIONE <i>Tear strength</i>	ASTM D-470	K N/m	11,4
RESISTENZA ALLA LACERAZIONE (Provino C) <i>Tear strength (Die C)</i>	ASTM D-624	K N/m	64,8
DEFORMAZIONE PERMANENTE <i>Compression Set</i>	ASTM D-395 Metodo B; 22 ore a 70°C <i>Method B; 22 hours at 70 °C</i>	%	25
RESISTENZA ALL'ABRASIONE <i>Abrasion Resistance</i>	NBS Index	-	184
COEFFICIENTE DI DILATAZIONE TERMICA LINEARE <i>Linear coefficient of thermal expansion</i>	-36°C – 0°C 0°C – 24°C 24°C – 100°C 100°C – 150°C	-	1.43x10 <sup>-4</sup> 1.43x10 <sup>-4</sup> 1.43x10 <sup>-4</sup> 1.43x10 <sup>-4</sup>

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.