

TECHNICAL DATA

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>
Tensile Strength 23°C	ASTM D638	720-920 kg/cm ²
Modulus of elasticity 23°C	ASTM D638	21-28,000 kg/cm ²
Elongation at break 23°C	ASTM D638	= 40%
Hardness durometer 23°C	ASTM D1706	80-85 Shore D
Compressive Strength	BS303	670 - 810 kg/cm ²
Flexural Strength 23°C	BS303	770 - 1,270 kg/cm ²
Tensile impact	ASTM D676	660 - 1,100 Joules/cm ²
Specific Gravity	ASTM D792	1.13 - 1.14
Water Absorption 23°C @ 24 hrs	ASTM D570	0.5-1.0%
Water Absorption Saturation	-	<4%
Coefficient of linear thermal expansion 30-100°C	ASTM D696	7.0x10 ⁻³ cm/cm per °C
Heat deflection temp Method A	DIN 53461	70/90°C
Heat deflection temp Method B	DIN 53461	>170°C
General service temp. Short Temp	Depending on shape	-40 / +150°C
General service temp. Long Temp	Stress & function	-40 / +130°C
Melting Point	ASTM D789	220 - 225°C
Flammability	ASTM D635	Self extinguishing
Burning Rate	UL94	V - 2
Volume resistivity	ASTM D257	>10 ¹²
U.V. effect - long term	-	Slight discolouration
Coefficient of friction	Oilon-Steel	0.13 - 0.14
Internal lubricant	-	Liquid compound
Grade Colour	-	Oilon Green

Unless otherwise indicated, all property values are based on tests performed on standard ASTM test samples, and according to standard ASTM test methods.

**The information is presented in good faith, but is to be used as a guide only.
No other guarantee is implied.**