

Technical Data Sheet

LubX[®] AST black pressed

PE-UHMW / PE 1000

Typical characteristics

- Antistatique
- Good dry-running properties
- Good wear resistance
- Good sliding properties

Typical industries

- Systèmes de convoyage et automatisations
- Produits de boulangerie et de confiserie
- La transformation des viandes, des poissons, des volailles
- Industrie des boissons
- Construction de machines et d'installations
- Industrie agroalimentaire

	Test method	Unit	Guideline value
General properties			
Densité	DIN EN ISO 1183-1	g / cm ³	0,94
Water absorption	DIN EN ISO 62	%	<0,01
Flammability (Thickness 3 mm / 6 mm)	UL 94		HB
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	20
Elongation at break	DIN EN ISO 527	%	>50
Tensile modulus of elasticity	DIN EN ISO 527	MPa	650
Notched impact strength	DIN EN ISO 179	kJ / m ²	no break
Shore hardness	DIN EN ISO 868	scale D	60
Thermal properties			
Melting temperature	ISO 11357-3	°C	133 - 135
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ / K	150 - 230 (*)
Service temperature, long term	Average	°C	-150 ... 80 (*)
Service temperature, short term (max.)	Average	°C	130 (*)
Electrical properties			
Surface resistivity	DIN EN 62631-3-2	Ω	<10 ⁹

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The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale. (*) literature values



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