

LubX® C - ASTM

Product characteristics

- Energy-saving
- Especially aligned to POM and Steel
- Coefficient of friction with POM as sliding partner up to 75% less than of PE-UHMW

Product applications

- Conveyor guides & wear strips
- Materials handling industry
- Automation

	Test method	Unit	Guideline Value
General properties			
Water Absorption	ASTM D570	%	<0.01
Mechanical properties			
Hardness	ASTM D2240	Shore D	60
Tensile Strength at yield 73°F	ASTM D638	psi	2700
Elongation at Break	ASTM D638	%	>250
Thermal properties			
CTE, linear	ASTM D696	1/K	1.0x10 ⁻⁴
Melting Point		°F	275
Maximum Service Temperature, Air		°F	180
Heat Deflection Temperature 264psi	ASTM D648	°F	108
Flammability, UL94		1/8 inch	HB
Electrical properties			
Volume Resistivity	ASTM D257	Ωcm	>10 ¹⁵
Surface resistivity	ASTM D257	Ω/cm	>10 ¹²
Compliance Properties			
FDA			Yes
NSF			No
USDA			Yes

The data stated above are average values ascertained by statistical tests on a regular basis. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.