

## Technical Data Sheet

### LubX<sup>®</sup> 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
<b>General properties</b>			
Water Absorption	ASTM D570	%	<0.01
<b>Mechanical properties</b>			
Hardness	ASTM D2240	Shore D	60
Tensile Strength at yield 73°F	ASTM D638	psi	2700
Elongation at Break	ASTM D638	%	>250
<b>Thermal properties</b>			
CTE, linear	ASTM D696	1/K	1.0x10 <sup>-4</sup>
Melting Point		°F	275
Maximum Service Temperature, Air		°F	180
Heat Deflection Temperature 264psi	ASTM D648	°F	108
Flammability, UL94		1/8 inch	HB
<b>Electrical properties</b>			
Volume Resistivity	ASTM D257	Ωcm	>10 <sup>15</sup>
Surface resistivity	ASTM D257	Ω/cm	>10 <sup>12</sup>
<b>Compliance Properties</b>			
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.