

Technical data sheet

LubX® C

Product characteristics

- Excellent sliding properties even at higher load
- Outstanding dry running characteristics
- FDA Compliant

Typical field of application

- Conveyor Technology
- Material Handling
- Automation

Physical Properties	tested method	unit	value
Specific Gravity	D792	g/cm ³	0.93
Water Absorption	D570	%	≤ 0.01
Mechanical Properties	tested method	unit	value
Hardness	D785	Shore D	60
Elongation at Break	D638	%	≥250
Izod Impact, Notched	D256	ft-lb/in	No Break
Wear Resistance	Sand Slurry	-	90
Sliding properties: partner POM (0,25m/s – 0,25MPa)	REP – Tribology – Test	-	0.11
Thermal properties	tested method	unit	value
CTE, linear	D696	1/K	1.0 x 10 ⁻⁴
Melting Point	D3418	°F	275
Maximum Service Temperature, Air	-	°F	180
Deflection Temperature at 1.8Mpa (264psi)	D648	°F	108
Flammability, UL94	-	1/8 inch	HB
Electrical properties	tested method	unit	value
Surface resistivity	D257	Ohm/cm	≥10 ¹⁵
Compliance Properties	tested method	unit	value
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.