Technical Data Sheet

LubX® CV - ASTM

PE-UHMW / PE 1000

Typical characteristics

- Good dry-running properties
- Good wear resistance
- Good machinability

Typical industries

- Beverage Industry
- Conveyor Technology & Automation
- Food Industry

	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	$>10^{14}$
Surface resistivity	ASTM D257	Ω/cm	$\geq 10^{12}$
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.

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