# Röchling

### Industrial

## Technical Data Sheet LubX<sup>®</sup> C - ASTM

#### **Typical characteristics**

- Energy-saving
- Coefficient of friction with POM as sliding partner up to 75% less than of PE-UHMW
- Coefficient of friction with steel as sliding partner up to 60% less than of PE-UHMW
- Noise-reducing
- Excellent sliding properties even at higher load
- FDA Compliant

#### **Typical industries**

- Bakery and Confectionery
- Beverage Industry
- 컨베이어 기술 및 자동화
- Food Industry
- 기계 공학 산업

	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 <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
Electrical properties			
Volume Resistivity	ASTM D257	Ωcm	>10 <sup>15</sup>
Surface resistivity	ASTM D257	Ω/cm	>10 <sup>12</sup>
Compliance properties			

Roechling Industrial Gastonia, LP

903 Gastonia Technology Parkway • 28034 Dallas/United States (US) • Tel. +1 704 922-7814 info.gastonia@roechling.com • www.roechling.com/industrial/rep-us

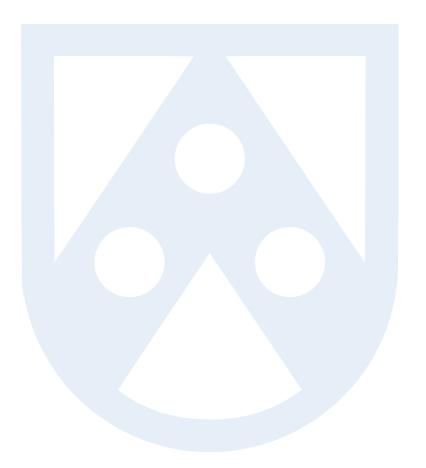
Print: 27/07/2024 • Release: 20/09/2023 • Version: 1.0 PIM-Version: 62 • PIM-ID: 717941 • PIM-Code: 62-11-10.12.10.12.10.9-5.6.11.5.5-2

# Röchling

### Industrial

	Test method	Unit	Guideline 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.



Roechling Industrial Gastonia, LP 903 Gastonia Technology Parkway • 28034 Dallas/United States (US) • Tel. +1 704 922-7814 info.gastonia@roechling.com • www.roechling.com/industrial/rep-us

Print: 27/07/2024 • Release: 20/09/2023 • Version: 1.0 PIM-Version: 62 • PIM-ID: 717941 • PIM-Code: 62-11-10.12.10.12.10.9-5.6.11.5.5-2