

Rulon 1337 is a tan material made entirely from FDA compliant components. It has excellent physical properties and is chemically compatible with most chemicals, except concentrated sulfuric acid. This offers much flexibility in wash-down environments of food and pharmaceutical processing environments.

It has a slightly lower coefficient of friction than Rulon J, offering extended life and less abrasion with softer mating surfaces. It is compatible with most commercially available natural lubricants for additional reduction in friction.

## Features

- Color: Tan
- Excellent unlubricated dry service at all temperatures
- Zero moisture absorption for use in high-humidity environments
- Low friction to promote smooth operation



## Technical Specifications

Property	Value	Unit
Temperature - Typical Range	-400/+550 (-240/+288)	°F (°C)
Maximum PV (continuous)	10,000 (0.35)	psi/fpm (MPa•m/s)
Maximum P - psi (static)	1,000 (6.9)	psi [MPa]
Maximum V -SFM (no load)	400 (2)	ft/min [m/s]
Shaft Hardness - Minimum	Rb25	Rockwell B
Shaft finish recommended RMS/Ra	8 - 16 (0.2 - 0.4)	µin (µm)
Shaft Material	Stainless to Hardened Steel	
Engineering Information		
Friction - static & dynamic	0.10 - 0.20	
Flammability ASTM D635	Non-Flammable	UL V-O
Chemical Resistance	Data Available	
Linear Coefficient of Thermal Expansion 78° to 400°F (26° to 204°C)	Diameter 6.1 (10.9) Length 7.4 (13.3)	x 10 <sup>-5</sup> in/in °F (x 10 <sup>-5</sup> m/m °C)
Physical Data		
Elongation ASTM D4894	175	%
Tensile Strength ASTM D4894	2500 (17.2)	psi (MPa)
Deformation ASTM 621	3.38 (1500)	% (psi - 24 hr. RT)
Specific Gravity ASTM D792	1.95	g/cc

We're ready to put our engineering expertise to work for you from prototype to production.

Engineering | Custom Fabrication | Manufacturing



## CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



## Ultracomp<sup>®</sup>

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



## TriSteel<sup>™</sup>

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



## Rulon<sup>®</sup>

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



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