

Rulon® 641

Polytetrafluoroethylene

Saint Gobain Performance Plastics

Message:

Rulon® 641 is manufactured from FDA compliant materials which possess excellent load and wear characteristics.

It offers excellent, continuous non-lubricated service up to 10,000 PV - higher for intermittent service. While the load capacity of Rulon 641 is generally limited to 1,000 psi at room temperature, deformation is a function of wall thickness, temperature and load.

Its compatibility with a wide array of mating surfaces, including mild steel, 303 and 316 stainless steels, as well as harder materials, make it a good choice for most food and pharmaceutical bearing applications.

General Information			
Features	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Wear Resistance		
Uses	Bearings		
	Non-specific Food Applications		
	Pharmaceuticals		
Agency Ratings	FDA Unspecified Rating		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.24	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	13.8	MPa	ASTM D1708
Tensile Elongation (Break)	180	%	ASTM D1708

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