

Rulon® J

Polytetrafluoroethylene

Saint Gobain Performance Plastics

Message:

Rulon® J is an all-polymeric reinforced, light brown colored PTFE compound that operates exceptionally well against soft mating surfaces such as 316 stainless steel, aluminum, mild steel, brass and other plastics. The unique "shaft friendly" material is also low in friction and wear and is self lubricating. Rulon J has one of the lowest coefficients of friction of most reinforced PTFE materials. This makes it ideally suited for start/stop applications where stick-slip must be eliminated. The tribological properties of this material also make it suitable for both bearing and wear component applications.

General Information			
Features	Good Wear Resistance		
	High Heat Resistance		
	Low Friction		
	Self Lubricating		
Uses	Bearings		
Appearance	Light Brown		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.95	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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

