

Rulon® 945

Polytetrafluoroethylene

Saint Gobain Performance Plastics

Message:

Rulon® 945 is a black PTFE-based material that has very low wear and deformation under load, making it ideally suited for demanding thermal applications. In fact, its deformation is the lowest of all Rulon® grades. It also possesses excellent chemical resistance and good dimensional stability. Rulon 945 is best suited for use against hard mating surfaces, like hardened steel substrates since it does have moderate abrasive qualities. It is not suitable in applications where electrically insulating properties are required.

General Information			
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Wear Resistance		
	High Heat Resistance		
	High Impact Resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.90	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	20.7	MPa	ASTM D1708
Tensile Elongation (Break)	20	%	ASTM D4894

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Recommended distributors for this material

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