

Saint-Gobain Rulon® ACM Bearing/Seal PTFE (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Saint Gobain Rulon® ACM is now produced as a part of the TriStar Plastics Corp. product line under the Ultracomp trade name. Description: This family of materials offers the combination of high compressive strength, low coefficient of friction, and excellent abrasion and corrosion resistance while running without lubrication. They are used in bearing and seal applications from temperature extremes of 400°F to over 500°F with and without additional lubricants. A unique property of Rulon® is the absence of stick slip, that is, erratic low-speed motion. PTFE = polytetrafluoroethylene ACM Grade Bearing/Seal PTFE: Laminates composed of synthetic fabrics impregnated by thermosetting resins and solid lubricant fillers. Material available in tubes and sheets. Ideally suited for non-lubricated ultra high-load/low-speed applications that require a low coefficient of friction. Operates well in demanding and destructive environments. Material does not have thermal and electrical insulating properties. Suitable for use in steam, wet, dry, or vacuum environments. Rc 35 or higher steel mating surface. Markets for ACM grade include Agricultural, Appliances, Automotive, Construction, Industrial, Transportation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Rulon-ACM-BearingSeal-PTFE-nbspdiscontinued-.php

Mechanical Properties	Metric	English	Comments
Compressive Yield Strength	276 MPa	40000 psi	Max load under tribological use
Limiting Pressure Velocity	0.876 MPa-m/sec	25000 psi-ft/min	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	>= 182 °C	>= 360 °F	

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