

Beijing Evergrow Resources PTFE, 20% Glass Fiber Filled

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Glass Filled, Molded

Material Notes:

Filled PTFE article is manufactured by molding method with filled PTFE resin. Filled PTFE resin is manufactured by compounding PTFE granular resin with fillers of many different kinds. Amongst the many fillers suitable for compounding with PTFE, glass fiber, carbon fiber, Bronze and also lubricating materials like graphite, molybdenum disulphide, have been widely used in large scale production. Broadly speaking PTFE compounds have the following advantage over unfilled PTFE: Improved compression strength Improved thermal conductivity Decreased thermal expansion Improved abrasion resistance Applications: Gaskets, Valve Seals, Packings, Bearings, Piston Rings Information provided by Beijing Evergrow Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Evergrow-Resources-PTFE-20-Glass-Fiber-Filled.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 10.0 MPa	>= 1450 psi	
Elongation at Break	>= 120 %	>= 120 %	
Compressive Strength	>= 16.0 MPa	>= 2320 psi	

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