



## TECHNICAL DATA SHEET - PVDF

Raw Material Name: Polyvinylidene Flouride  
 Application: Rotary & Linear Motion Components  
 Manufacturer: Covalo Industries

### Material Specifications

Mechanical Property	Value	Unit	Test Method
Ultimate Tensile Strength	55	MPa	ISO 527-2
Tensile Modulus	2635	GPa	ISO 527-2
Strain at Break	10	%	ISO 527-2
Flexural Strength	55	MPa	ISO 178
Flexural Modulus	1900	MPa	ISO 178
Surface Resistance	$>10^7 - >10^9$	ohm/sq	ASTM D257
Specific Gravity	1.84	g/cm <sup>3</sup>	ISO 1183
Glass Transition Temperature	158	°C	DSC
HDT A @ .45 MPa	177	°C	ISO 75

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