



Delrin®

acetal resin

Delrin® DE9156 NC010

High viscosity acetal resin with Teflon® PTFE Micropowder.

Property	Test Method	Units	Value
Mechanical			
Yield Stress	ISO 527-1/-2	MPa	71
Yield Strain	ISO 527-1/-2	%	22
Nominal Strain at Break	ISO 527-1/-2	%	30
Strain at Break	ISO 527-1/-2	%	50
Tensile Modulus	ISO 527-1/-2	MPa	3100
Notched Charpy Impact	ISO 179/1eA	kJ/m2	10
Thermal			
Melting Temperature	ISO 3146C	°C	177
Flow			
Melt Flow Rate	ISO 1133	g/10 min	2.2
Other			
Density	ISO 1183	kg/m3	1420
Processing			
Melt Temperature Range	ISO 294	°C	210-220
Drying Time		h	2
Drying Temperature		°C	80
Processing Moisture Content		%	0.2
Hold Pressure Range		MPa	70-100

Contact DuPont for MSDS, general guides and/or additional information about ventilation, handling, purging, drying, etc.

Mechanical properties measured at 23°C (73°F) unless otherwise stated.

030518/991018

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. Caution: Do not use this product in medical applications involving permanent implantation in the human body. For other medical applications see "DuPont Medical Caution Statement", H-51459 or H-50102.

Start with DuPont Engineering Polymers - www.dupont.com/enggpolymer