



# Delrin®

acetal resin

PRELIMINARY DATA

## Delrin® 900SP NC010

Lubricate, high flow acetal resin (previously coded DE8903).

Property	Test Method	Units	Value
<b>Mechanical</b>			
Yield Stress	ISO 527-1/-2	MPa	67
Stress at Break	ISO 527-1/-2	MPa	65
Yield Strain	ISO 527-1/-2	%	10
Strain at Break	ISO 527-1/-2	%	35
Tensile Modulus	ISO 527-1/-2	MPa	3000
Notched Charpy Impact	ISO 179/1eA	kJ/m <sup>2</sup>	6
<b>Thermal</b>			
Melting Temperature	ISO 3146C	°C	177
<b>Flow</b>			
Melt Flow Rate	ISO 1133	g/10 min	23
<b>Other</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1410
<b>Processing</b>			
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.

**The above data are preliminary and are subject to change as additional data are developed on subsequent lots.**

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