



Delrin®

acetal resin

PRELIMINARY DATA

Delrin® 1727UV NC010

Property	Test Method	Units	Value
Mechanical			
Yield Stress	ISO 527-1/-2	MPa	73
Yield Strain	ISO 527-1/-2	%	9
Nominal Strain at Break	ISO 527-1/-2	%	10
Tensile Modulus	ISO 527-1/-2	MPa	3600
Notched Charpy Impact	ISO 179/1eA	kJ/m ²	6
Thermal			
Deflection Temperature 0.45MPa	ISO 75-1/-2	°C	163
1.80MPa			96
Melting Temperature	ISO 3146C	°C	178
Flow			
Melt Flow Rate 190C, 2.16kg	ISO 1133	g/10 min	37
Other			
Density	ISO 1183	kg/m ³	1420
Processing			
Melt Temperature Range		°C	210-220
Processing Moisture Content		%	<0.2
Hold Pressure Range		MPa	90-110

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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