



Delrin®

acetal resin

PRELIMINARY DATA

Delrin® 120MP NC010

Low flow acetal resin with Teflon® PTFE Micropowder

Property	Test Method	Units	Value
Mechanical			
Yield Stress	ISO 527-1/-2	MPa	
Stress at Break	ISO 527-1/-2	MPa	56
Yield Strain	ISO 527-1/-2	%	
Nominal Strain at Break	ISO 527-1/-2	%	7
Strain at Break	ISO 527-1/-2	%	16
Tensile Modulus	ISO 527-1/-2	MPa	3000
Notched Charpy Impact	ISO 179/1eA	kJ/m ²	3.5
Thermal			
Melting Temperature	ISO 3146C	°C	177
Flow			
Melt Flow Rate	ISO 1133	g/10 min	1.5
Other			
Density	ISO 1183	kg/m ³	1540
Processing			
Melt Temperature Range	ISO 294	°C	205-225
Drying Time		h	2
Drying Temperature		°C	80
Processing Moisture Content		%	0.2

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.

030518/991001

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