

Delrin® SC631 NC010

ACETAL RESIN

DuPont Performance Polymers

Message:

Nucleated Medium-high Viscosity Acetal Homopolymer Developed for the Healthcare Industry

General Information			
Additive	Lubricant		
	Mold Release		
Features	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>POM<		
Resin ID (ISO 1043)	POM		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2
Tensile Stress (Yield)	73.0	MPa	ISO 527-2
Tensile Strain (Yield)	16	%	ISO 527-2
Nominal Tensile Strain at Break	35	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	178	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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