

Delrin® PC699 NC010

ACETAL RESIN

DuPont Performance Polymers

Message:

Lubricated Low Viscosity Acetal Homopolymer with Low Wear and Low Friction 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-S<		
Resin ID (ISO 1043)	POM-S		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3050	MPa	ISO 527-2
Tensile Stress (Yield)	63.0	MPa	ISO 527-2
Tensile Strain (Yield)	12	%	ISO 527-2
Nominal Tensile Strain at Break	30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	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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