

Novalloy-C CE1810

Polycarbonate + Polyester

Daicel Polymer Ltd.

Message:

Novalloy-C CE1810 is a Polycarbonate + Polyester (PC+Polyester) material. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	63.0	MPa	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/B
1.8 MPa, Unannealed	115	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	110 to 120	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	230 to 250	°C	
Middle Temperature	250 to 270	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	240 to 260	°C	
Mold Temperature	70.0 to 100	°C	
Back Pressure	10.0 to 20.0	MPa	
Screw Speed	50 to 100	rpm	

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Recommended distributors for this material

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