

DESLOY™ DSC902CB

Polycarbonate

DESCO Co., Ltd.

Message:

Descriptions: DESLOY™ DSC902CB is PC(Polycarbonate) resin. It has good electrical property, especially it is strengthen conductivity and the feature of static electricity resistance.

Applications: DESLOY™ DSC902CB is applied to automotive parts and electronic & electrical parts which request static electricity resistance.

General Information			
Additive	Antistatic property		
Features	Conductivity		
	Antistatic property		
	Good electrical performance		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.40	%	
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	73.5	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	5390	MPa	ASTM D790
Flexural Strength	127	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	135	°C	ASTM D648
1.8 MPa, not annealed	125	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+5	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 - 120	°C	

Drying Time	3.0 - 5.0	hr
Suggested Max Moisture	< 0.20	%
Rear Temperature	260 - 270	°C
Middle Temperature	270 - 285	°C
Front Temperature	270 - 290	°C
Nozzle Temperature	270 - 290	°C
Processing (Melt) Temp	270 - 290	°C
Mold Temperature	60.0 - 90.0	°C
Injection instructions		

Speed: 40 to 70%Pressure 1st: 30 to 60%Pressure 2nd: 30 to 60Holding Pressure: 10 to 20%

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Recommended distributors for this material

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