

DESLON™ 66 DSC201G7

Polyamide 66

DESCO Co., Ltd.

Message:

Descriptions: DESLON™ DSC201G7 is one of the brands which made by Polyamide66 that filled Glass Fiber 35% and reinforced goods. It provides high mechanical strength property, fluidity property and excellent injection molding property.

Applications: DESLON™ DSC201G7 is one of the most-used for high mechanical strength and thermal property goods. such as Accelerator Pedal of Automotive parts, etc.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Features	High strength		
	Good liquidity		
	Thermal stability, good		
Uses	Car interior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 - 0.80	%	
Water Absorption (23°C, 24 hr)	0.60	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	123		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	196	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	10800	MPa	ASTM D790
Flexural Strength	265	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	255	°C	ASTM D648
1.8 MPa, not annealed	250	°C	ASTM D648
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257
Dielectric Strength	25	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	4.00		ASTM D150
Arc Resistance	120	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method

Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Drying Temperature	80.0 - 100	°C
Drying Time	4.0 - 5.0	hr
Suggested Max Moisture	< 0.20	%
Rear Temperature	270 - 280	°C
Middle Temperature	280 - 285	°C
Front Temperature	285 - 290	°C
Nozzle Temperature	280 - 285	°C
Processing (Melt) Temp	280 - 285	°C
Mold Temperature	80.0 - 120	°C
Injection instructions		

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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

