

Novalloy-S S7600

Polycarbonate + ABS

Daicel Polymer Ltd.

Message:

Novalloy-S S7600 is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific. Primary attribute of Novalloy-S S7600: Flame Rated.

General Information			
UL YellowCard		E47773-456659	
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	40	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178
Flexural Stress	94.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.20 mm	V-0		
2.00 mm	5VB		
2.50 mm	5VA		
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	220 to 260	°C	
Middle Temperature	240 to 270	°C	
Front Temperature	250 to 280	°C	
Nozzle Temperature	250 to 280	°C	
Mold Temperature	50.0 to 70.0	°C	
Back Pressure	5.00 to 20.0	MPa	
Screw Speed	50 to 80	rpm	

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