

Crastin® LW9030FR BK851

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

30% Glass Reinforced, Flame Retardant, Polybutylene Terephthalate Blend with Low Warpage Characteristics

General Information			
UL YellowCard	E41938-257780		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Agency Ratings	UL Unspecified Rating		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PBT+ASA-GF30FR(17)<		
Resin ID (ISO 1043)	PBT+ASA-GF30FR(17)		
Physical	Nominal Value	Unit	Test Method
Density	1.55	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	115	MPa	ISO 527-2
Tensile Strain (Break)	1.7	%	ISO 527-2
Flexural Stress	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	225	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flammability Classification			IEC 60695-11-10, -20
0.750 mm	V-0		
1.50 mm	V-0		
2.00 mm	5VA		
NOTE			
1.	10°C/min		

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