

Crastin® S620F20 BK851

THERMOPLASTIC POLYESTER RESIN

DuPont Performance Polymers

Message:

Unreinforced Medium Viscosity Polybutylene Terephthalate

General Information			
UL YellowCard	E41938-257811		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PBT<		
Resin ID (ISO 1043)	PBT		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2
Tensile Stress (Yield)	59.0	MPa	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Nominal Tensile Strain at Break	30	%	ISO 527-2
Flexural Stress	88.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	225	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flammability Classification (1.50 mm)	HB		IEC 60695-11-10, -20
NOTE			
1.	10°C/min		

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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



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