

Model 5220U(GG)(f2)
File Number: E45329



COMPANY

SABIC INNOVATIVE PLASTICS B V
EUROPE - RESIN
PLASTICSLAAN 1
BERGEN OP ZOOM, 4612 PX Netherlands

MODEL INFO

5220U(GG)(f2)
Polybutylene Terephthalate/Polycarbonate (PBT/PC) "Xenoy", impact modified, furnished as pellets
(GG) – Denotes a global grade formulation previously in File E161759.
(f2) – Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.
NOTE – Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		ANSI/UL 94
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		IEC 60695-11-10
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	额定值	测试方法
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 3	

High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746A
Dielectric Strength	42 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+14 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 5	
THERMAL PROPERTIES	额定值	测试方法
Relative Thermal Index - Electrical Strength		UL 746B
1.5 mm	75 °C	
3.0 mm	75 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	75 °C	
3.0 mm	75 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	75 °C	
3.0 mm	75 °C	
PHYSICAL PROPERTIES	额定值	测试方法
Dimensional Change	0.0 %	ASTM D1042/ISO 2796
UV Exposure & Water Immersion	f2	UL 746C

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