PROSPECTOR*

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fiew additional material information including performance and processing data

The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. Ut rospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for it data values and stoody accountage that you found material selection data applies are validated with the material supplier.

Component - Plastics

E244324

TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD

WAIGAQQIAO FREE TRADE ZONE, 310 HUAJING RD, SHANGHAI 200131 CN

D-5025B(#

Guide Information

Polycarbonate (PC), furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK	0.8	HB 🧳	the Oliver	-	80	80	80
	30	HR dan	187	-	80	80	80

Comparative Tracking Index (CTI): -

Dielectric Strength (kV/mm): -

High-Voltage Arc Tracking Rate (HVTR): -

Dimensional Stability (%): -

Inclined Plane Tracking (IPT) kV: -

Volume Resistivity (10x ohm-cm): -

High Volt, Low Current Arc Resis (D495): -



(#) - Suffix optional

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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P.J. [Shan, 112,0)	7-7 (200, 112,0)		1,68b 1,02m					
IEC and ISO Test Methods								
Test Name	Test Method	Units	Thk (mm)	Value				
Flammability	IEC 60695-11-10	Class (color)	0.8	HB75 (BK)				
			3.0	HB40 (BK)				
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-				
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	\ -	-				
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	20 T	-				
IEC Ball Pressure	IEC 60695-10-2	°C ~	C	-				
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	- M				
ISO Tensile Strength	ISO 527-2	MPa	(m)	77 (1991)				
ISO Flexural Strength	ISO 178	MPa	-	THE THE				
ISO Tensile Impact	ISO 8256	kJ/m ²	-	All M. CLEC.				
ISO Izod Impact	ISO 180	kJ/m ²	-	PILE.				
ISO Charpy Impact	ISO 179-2	kJ/m²	- 0(

