



# Component - Plastics

File Number: E41613

Covestro Deutschland AG [PC Resins]

Chempark, Gebaeude B207, Leverkusen 51368 DE



Bayblend: T45 +, T45 PG +

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), pellets

+ - Material designations may be followed by a six digit numerical code denoting color.

Flammability	Value	Test Method
Flame Rating		UL 94
0.850 mm, ALL	HB	
1.50 mm, ALL	HB	
3.00 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.00 mm, ALL	HB40	
0.850 mm, ALL	HB75	
1.50 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 4	
3.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	27 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+15 ohms·cm	ASTM D257
Volume Resistivity	1.0E+15 ohms·cm	IEC 60093
Arc Resistance	PLC 6	ASTM D495
Electric Strength	27 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Elec		UL 746
0.850 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Imp		UL 746
0.850 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Str		UL 746
0.850 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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