



# 组件 - 塑料

File Number: E41613

Covestro Deutschland AG [PC Resins]  
Chempark, Gebaeude B207, Leverkusen 51368 DE



## Makrolon: 9425 + (z)(f1)

Polycarbonate (PC), pellets

- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
- (z) - Material designation and color code may be followed by up to three letters and/or three numbers (does not include grades which are separately recognized with above material designation and suffix)
- + - Material designations may be followed by a six digit numerical code denoting color.

Flammability	值	测试方法
Flame Rating		UL 94
0.50 mm, ALL	V-2	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
6.0 mm, ALL	V-0, 5VA	
Electrical	值	测试方法
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	值	测试方法
RTI Elec		UL 746
0.50 mm	80.0 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Imp		UL 746
0.50 mm	80.0 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	
RTI Str		UL 746
0.50 mm	80.0 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	
6.0 mm	130 °C	

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Physical	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
Outdoor Suitability	f1	UL 746C

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