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Duracon: M25(i)(r5), M90(i)(r5), M140(i)(r5), M270(i)(r5), M450(i)(r5)

Acetal Polyoxymethylene (POM), pellets

- (i) - May or may not be followed by suffix -31, -34, -42, -44, -84 or S which indicates lubricity and stability except M450(i). When M450(i) may or may not be followed by suffix -42, -44, -84 or S which indicates lubricity or stability.
- (r5) - Virgin and Regrind from 1 to 100% by weight inclusive have the same basic material characteristics except for the RTI's are 50C for all three properties for Regrind from 26 - 100%

可燃性	值	测试方法
UL 阻燃等级		
0.75 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
0.75 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.75 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 3	
高电弧燃烧指数(HAI)		UL 746A
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746A
介电强度	29 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
体积电阻率	1.0E+15 ohms·cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746B
0.75 mm	110 °C	
1.5 mm	110 °C	
3.0 mm	110 °C	
RTI Imp		UL 746B
0.75 mm	95.0 °C	
1.5 mm	95.0 °C	
3.0 mm	95.0 °C	
RTI		UL 746B
0.75 mm	100 °C	
1.5 mm	100 °C	
3.0 mm	100 °C	



物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796