



DSM Engineering Plastics B V
Urmonderbaan 22, Geleen 6167 RD NL



Arnite: TV4 261
Polybutylene Terephthalate (PBT), pellets

Flammability	值	测试方法
Flame Rating		
0.71 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
0.71 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	值	测试方法
Hot-wire Ignition (HWI)		UL 746
0.71 mm	PLC 3	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.71 mm	PLC 1	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 1	UL 746
Dielectric Strength	42 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+10 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	值	测试方法
RTI Elec		UL 746
0.71 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746
0.71 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Str		UL 746
0.71 mm	140 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
Physical	值	测试方法
Dimensional Stability	0.60 %	ASTM D1042 ISO 2796