



LATI INDUSTRIA TERMOPLASTICI SPA
VIA BARACCA 7
VEDANO OLONA, VA 21040 Italy



LATENE 7H2W-V0 (q) (r)

Polypropylene (PP), pellets

- (q) - Optional marking consisting of a generic indication of color (English or Italian) followed by an alphanumeric code (consisting of 4 digits and 1 letter) indicating color shade.
- (r) - Optional marking consisting of an alphanumeric code (consisting of 1 or 2 letters followed by one number) referring to manufacturing process information.

Flammability	Value	Test Method
Flame Rating		UL 94
0.45 mm, BK	V-2	IEC 60695-11-10, -20
0.55 mm, NC	V-2	
1.0 mm, NC, BK	V-2	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
1.0 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.0 mm	825 °C	
1.5 mm	825 °C	
3.0 mm	825 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.45 mm	PLC 4	
0.55 mm	PLC 4	
1.0 mm	PLC 4	
1.5 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
0.45 mm	PLC 0	
0.55 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	27 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495

Component - Plastics

File Number: E54080



Thermal	Value	Test Method
RTI Elec		UL 746B
0.45 mm	65.0 °C	
0.55 mm	65.0 °C	
1.0 mm	65.0 °C	
1.5 mm	110 °C	
3.0 mm	110 °C	
RTI Imp		UL 746B
0.45 mm	65.0 °C	
0.55 mm	65.0 °C	
1.0 mm	65.0 °C	
1.5 mm	115 °C	
3.0 mm	115 °C	
RTI Str		UL 746B
0.45 mm	65.0 °C	
0.55 mm	65.0 °C	
1.0 mm	65.0 °C	
1.5 mm	115 °C	
3.0 mm	115 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796