

8N df20 (f1)

File Number: E507751

Yellow Card® 

COMPANY

Rohm GmbH
Deutsche-Telekom-Allee 9
Darmstadt, 64295 Germany

MODEL INFO

PLEXIGLAS® Softlight or ACRYLITE® Softlight: 8N df20 (f1)

Polymethyl Methacrylate (PMMA), furnished as pellets
(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
NOTE – In the US, ROEHM GMBH uses the designation "ACRYLITE or ROHAGLAS" instead of "PLEXIGLAS". In China, ROEHM GMBH uses the designation "PLEXIGLAS or ROHAGLAS" instead of "ACRYLITE".

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.5 mm, Color: NC	HB	
3.0 mm, Color: NC	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.5 mm, Color: NC	HB75	
3.0 mm, Color: NC	HB40	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
1.5 mm	725 °C	
3.0 mm	750 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
1.5 mm	700 °C	

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3.0 mm	725 °C	
ELECTRICAL PROPERTIES		VALUE
Hot-wire Ignition (HWI)		TEST METHOD
		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 3	
THERMAL PROPERTIES		VALUE
Relative Thermal Index - Electrical Strength		TEST METHOD
		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
PHYSICAL PROPERTIES		VALUE
UV Exposure & Water Immersion		TEST METHOD
		f1
		UL 746C

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