

SUMILITE® PL-1108T

Phenolic

Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PL-1108T is a phenolic (Phenolic) product. It is available in North America. Typical application areas are: coating applications. The main characteristics are: good dimensional stability.

General Information			
Features	Good dimensional stability		
Uses	Laminate		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	90.0	MPa	ASTM D638
Flexural Strength (Yield)	100	MPa	ASTM D790
Compressive Strength	130	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
Transverse flow	20	J/m	ASTM D256
Flow	67	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	18	kV/mm	ASTM D149
Additional Information			

Tests were performed in accordance with JIS K6911Flexural Strength, JIS K6911, Flow: 110 MpaFlexural Strength, JIS K6911, Accross Flow: 100 MpaTensile Strength at Yield, JIS K6911, Flow: 90 MpaTensile Strength at Yield, JIS K6911, Accross Flow: 90 MpaCompressive Strength, JIS K6911, Vertical: 220 MpaCompressive Strength, JIS K6911, Parallel: 130 MpaBonding Strength, JIS K6911: 4.9 KNSolvent Resistivity, JIS K6911, 30 min boil: ConstantDielectric Strength, JIS K6911, Flatwise: 18 MV/mDielectric Strength, JIS K6911, Edgewise: 14 KVInsulation Resistance, JIS K6911: 1e4 M ohmsInsulation Resistance JIS K6911: 1e2 M ohmsHeat Resistivity, JIS K6911, 120 min: 130°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT