

SUMILITE® PL-1252 (Punching)

Phenolic

Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PL-1252 (Punching) is a phenolic (Phenolic) product. It is available in North America. SUMILITE®PL-1252 (Punching) applications include electrical/electronic applications, electrical appliances and coating applications. The main characteristics are: flame retardant/rated flame.

General Information			
Uses	Laminate		
	Electrical/Electronic Applications		
	Electrical appliances		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	1.5	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength (Yield)	130	MPa	ASTM D790
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant	5.20		ASTM D150
Dissipation Factor	0.060		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information			

Tests were performed in accordance with JIS K6911Flexural Strength, JIS K6911, Flow: 150 MpaFlexural Strength, JIS K6911, Accross Flow: 130 MpaSolvent Resistivity, JIS K6911, 30 min boil: ConstantDielectric Strength, JIS K6911, Flatwise: 20 MV/mPunching Shrinkage, JIS K6911, 60°C, 150 mm length, Flow: 0.13%Punching Shrinkage, JIS K6911, 60°C, 150 mm length, Across Flow: 0.22%Punching Temperature, JIS K6911: 90°CInsulation Resistance, JIS K6911: 5e4 M ohmsInsulation Resistance JIS K6911: 5e1 M ohmsHeat Resistivity, JIS K6911, 120 min: 120°C

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