SUMILITE® PL-1626 (Machining)

Phenolic

Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PL-1626 (Machining) is a phenolic (Phenolic) product. It is available in North America. Typical application areas are: coating applications.

General Information			
Features	General		
Uses	Laminate General		
Appearance	Black		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.36	g/cm³	ASTM D792
Water Absorption (23°C, 24 hr)	0.50	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	90.0	MPa	ASTM D638
Flexural Strength (Yield)	120	MPa	ASTM D790
Compressive Strength	200	MPa	ASTM D695
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
Transverse flow	61	J/m	ASTM D256
Flow	100	J/m	ASTM D256
Electrical	**Nominal Value**	**Unit**	**Test Method**
Dielectric Strength	12	kV/mm	ASTM D149

Additional Information

Tests were performed in accordance with JIS K6911Flexural Strength, JIS K6911, Flow: 160 MpaFlexural Strength, JIS K6911, Accross Flow: 120 MpaTensile Strength at Yield, JIS K6911, Flow: 100 MpaTensile Strength at Yield, JIS K6911, Accross Flow: 90 MpaCompressive Strength, JIS K6911, Vertical: 290 MpaCompressive Strength, JIS K6911, Parallel: 200 MpaBonding Strength, JIS K6911: 7.8 KNSolvent Resistivity, JIS K6911, 30 min boil: ConstantDielectric Strength, JIS K6911, Flatwise: 12 MV/mDielectric Strength, JIS K6911, Edgewise: 8 KVInsulation Resistance, JIS K6911: 2e4 M ohmsInsulation Resistance JIS K6911: 2e3 M ohmsHeat Resistivity, JIS K6911, 120 min: 140°C

Recommended distributors for this material

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