

Sumikon® PM-3025

Phenolic
SBHPP

Message:

SUMIKON® PM-3025 Type Black is a mineral and glass fiber filled phenolic molding compound with excellent mechanical and thermal properties.

General Information	
Filler / Reinforcement	Glass fiber reinforced material Mineral filler
Appearance	Black
Forms	Powder Particles
Processing Method	Resin transfer molding Compression molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.84	g/cm ³	JIS K6911
Molding Shrinkage - Flow	0.25	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	JIS K6911
Flexural Modulus	12800	MPa	JIS K6911
Flexural Strength	130	MPa	JIS K6911
Compressive Strength	230	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	kJ/m ²	JIS K6911
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	JIS K6911

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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



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