

# Sumikon® PM-6230

Phenolic

SBHPP

## Message:

SUMIKON PM-6230 Type Black is a Short Glass fiber & Mineral molding compound based on Phenolic Novolac (TS) polymer. It is supplied in the form of Granular/Molding Powder for Molding.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
	Mineral filler		
	Inorganic filler		
Appearance	Black		
Forms	Powder		
	Particles		
Processing Method	Resin transfer molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.93	g/cm <sup>3</sup>	JIS K6911
Molding Shrinkage - Flow	0.33	%	JIS K6911
Water Absorption (Equilibrium)	0.050	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	95.0	MPa	JIS K6911
Flexural Modulus	19300	MPa	JIS K6911
Flexural Strength	185	MPa	JIS K6911
Compressive Strength	250	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	kJ/m <sup>2</sup>	JIS K6911
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	225	°C	JIS K6911
Electrical	Nominal Value	Unit	Test Method
Insulation Resistance			JIS K6911
-- 1	2.0E+11	ohms	JIS K6911
-- 2	8.0E+10	ohms	JIS K6911
NOTE			
1.	As molded		
2.	After boiling		

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