

# Sumikon® PM-6630 (Type: Black)

Phenolic

SBHPP

## Message:

SUMIKON PM-6630 Type Black is a Short Glass fiber & Mineral molding compound based on Phenolic Novolac polymer. It is supplied in the form of Granular/Molding Powder for Molding. This grade is official registered UL with V-0 (t=3.0).

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	1.78	g/cm <sup>3</sup>	JIS K6911
Molding Shrinkage - Flow	0.18	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	122	MPa	JIS K6911
Flexural Modulus	18300	MPa	JIS K6911
Flexural Strength	228	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.7	kJ/m <sup>2</sup>	JIS K6911
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	231	°C	JIS K6911
Electrical	Nominal Value	Unit	Test Method
Insulation Resistance			JIS K6911
-- 1	3.0E+12	ohms	JIS K6911
-- 2	5.0E+11	ohms	JIS K6911
NOTE			
1.	As molded		
2.	After boiling		

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Recommended distributors for this material

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