

# Sumikon® X7012

Phenolic

SBHPP

## Message:

SUMIKON X7012 is a glass fiber and glass beads reinforced molding compound with high mechanical strength, even at high temperatures in Long Life Coolants.

General Information	
Filler / Reinforcement	Glass fiber reinforced material Glass beads
Features	High strength High temperature strength
RoHS Compliance	RoHS compliance
Appearance	Black
Processing Method	Resin transfer molding Compression molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.61	g/cm <sup>3</sup>	JIS K6911
Molding Shrinkage - Flow	0.38	%	JIS K6911
Water Absorption (Equilibrium)	0.080	%	JIS K6911
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	80.0	MPa	JIS K6911
Flexural Modulus	13500	MPa	JIS K6911
Flexural Strength	200	MPa	JIS K6911
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m <sup>2</sup>	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

