KYOCERA AP912S

Thermoset Polyester

KYOCERA Chemical Corporation

Message:

Utilizable in wide field. (miniaturization electronics parts, high reliability parts etc.)
Features
Excellent Dimensional Accuracy and Stability. (Possible to Shrinkage-less)
Excellent Mechanical Characteristics.
Excellent Electrical Characteristics.
Excellent fluidity. (superior filling and molding)
Possible to Mold by Low Pressure.
Possible to Fast Cure in Low Temperature.
For Compression molding, Injection molding and Transfer molding.
Good metal corrosion properties and environmental friendly compounds. Because products do not use the halogen substances in flame retardant.

General Information	
Features	Environmentally Sound Fast Cure Good Dimensional Stability Good Electrical Properties Good Flow
Uses	Electrical/Electronic Applications
Forms	BMC - Bulk Molding Compound
Processing Method	Compression Molding Injection Molding Resin Transfer Molding

Physical	Nominal Value	Unit
Molding Shrinkage - Flow	0.080 to 0.12	%
Water Absorption (Equilibrium)	< 0.10	%
Mechanical	**Nominal Value**	**Unit**
Flexural Strength	120 to 150	MPa
Impact	**Nominal Value**	**Unit**
Charpy Unnotched Impact Strength	15 to 25	kJ/m^2

Electrical	Nominal Value	Unit	Test Method
Arc Resistance	> 180	sec	
Insulation Resistance			
After Boiled	1.0E+11	ohms	
Normal Condition	1.0E+14	ohms	
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (1.00 mm)	V-0		UL 94

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