TECOLITE KM-13B(G)

Phenolic

KYOCERA Chemical Corporation

Message:

Excellent insulation, Excellent mechanical strength and Excellent moldability. Satisfied the demanded properties.
Kyocera Chemical's phenolic molding compounds "TECOLITE" have a long years results for use in heavy electrical parts. "TECOLITE" have the outstanding properties.
Especially excellent insulation properties and also excellent intensity and good moldability. "TECOLITE" are best for the terminal parts, high-class switch parts, and telecommunication parts.

General Information			
Features	Electrically Insulating Good Moldability High Strength		
Uses	Electrical/Electronic Applications Switches Telecommunications		
Appearance	Black		
Physical	**Nominal Value**	**Unit**	
Specific Gravity	1.33	g/cm³	
Molding Shrinkage			
Flow [1]	1.4 to 1.6	%	
Flow [2]	0.60 to 0.70	%	
Across Flow [3]	1.1 to 1.3	%	
Water Absorption (Equilibrium)	< 0.20	%	
Mechanical	**Nominal Value**	**Unit**	
Flexural Strength	88.0 to 118	MPa	
Compressive Strength	196 to 245	MPa	
Thermal	**Nominal Value**	**Unit**	
Heat Deflection Temperature	160	°C	
Insulation Resistance			
After Boiling	1.0E+10 to 1.0E+11	ohms	
As Molded	1.0E+11 to 1.0E+12	ohms	
Electrical	**Nominal Value**	**Unit**	**Test Method**
Dielectric Strength	> 11	kV/mm	
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94
NOTE			
1.	Injection Molding		

2.	Compression Molding
3.	Injection Molding

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