TECOLITE KM-30B(J)

Phenolic

KYOCERA Chemical Corporation

Message:

Good moldability and Good productivity. Provides suitable compounds and Superior cost performance.
Kyocera Chemical's Phenolic Molding Compounds "TECOLITE" have a good high voltage resistance and a good moldability. "TECOLITE" are designed for insulation boards and telecommunication parts. Moreover coloring compounds are possible. Therefore can select the most suitable compounds for parts.

General Information			
Features	Good Moldability		
Uses	Electrical/Electronic Applications Telecommunications		
Appearance	Black		
Physical	**Nominal Value**	**Unit**	
Specific Gravity	1.36	g/cm³	
Molding Shrinkage			
Flow [1]	1.1 to 1.3	%	
Flow [2]	0.60 to 0.80	%	
Across Flow [3]	0.90 to 1.1	%	
Water Absorption (Equilibrium)	< 0.40	%	
Mechanical	**Nominal Value**	**Unit**	
Flexural Strength	88.0 to 108	MPa	
Thermal	**Nominal Value**	**Unit**	
Heat Deflection Temperature	165	°C	
Insulation Resistance			
After Boiling	1.0E+9 to 1.0E+10	ohms	
As Molded	1.0E+10 to 1.0E+11	ohms	
Electrical	**Nominal Value**	**Unit**	**Test Method**
Dielectric Strength	> 10	kV/mm	
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.710 mm)	HB		UL 94
NOTE			
1.	Injection Molding		
2.	Compression Molding		
3.	Injection Molding		

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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