

TECOLITE KM-50BD

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	1.41	g/cm ³	
Molding Shrinkage - Flow ¹	0.70 to 0.90	%	
Water Absorption (Equilibrium)	< 0.30	%	
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+8 to 1.0E+9	ohms	
As Molded	1.0E+9 to 1.0E+10	ohms	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	> 8.0	kV/mm	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.710 mm)	HB		UL 94
NOTE			

1. Compression Molding

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Recommended distributors for this material

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