

TECOLITE KM-220(J)

Phenolic
KYOCERA Chemical Corporation

Message:

Environmental friendly and Good moldability. Suitable compounds for the parts in the state of sealing.
Kyocera Chemical's Phenolic Molding Compounds "TECOLITE" are environmental friendly compound. It has good moldability and it less generate to molding die such as tarnish. It not generate ammonia gas. Therefore,it is indispensable compound to relay, fuse holder, socket, and micro-switch used especially in the state of sealing.

General Information			
Features	Environmentally Sound		
	Good Moldability		
Uses	Electrical/Electronic Applications		
Appearance	Black		
Physical	Nominal Value	Unit	
Specific Gravity	1.41	g/cm ³	
Molding Shrinkage ¹			
Flow	0.70 to 0.90	%	
Across Flow	1.1 to 1.3	%	
Water Absorption (Equilibrium)	< 0.50	%	
Mechanical	Nominal Value	Unit	
Flexural Strength	78.0 to 98.0	MPa	
Compressive Strength	196 to 225	MPa	
Impact	Nominal Value	Unit	
Charpy Unnotched Impact Strength	2.5 to 3.4	kJ/m ²	
Thermal	Nominal Value	Unit	
Heat Deflection Temperature	190	°C	
Insulation Resistance			
After Boiling	1.0E+8 to 1.0E+9	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 (0.790 mm)	HB		UL 94
NOTE			

1. Injection Molding

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