

Pelcoat®

Product Name	CE-30/SP-30/HQ-1
Product Category	Thermistors Coating, Terminal Seal for Thermal Fuse
Usage	Sensors, Relays
Function	

As supplied

(Typical Value)

Item	Condition	Unit	CE-30	SP-30	HQ-1
Appearance	visual	—	paste	light yellowclear	brown viscous
Specific Gravity	25°C	—	1.58	1.11	0.96
Viscosity	25°C	mPa·s	150,000	600	8,000
Mixing Ratio	parts by weight		CE-30/HQ-1=100/25, SP-30/HQ-1=100/50		
Pot Life	25°C	hour	> 2		

Standard Curing Condition 25°C x more than 24 hours, or 60°C x 3 hours

As cured

(CE-30/SP-30/HQ-1=100/40/45)

Item	Condition	Unit	Typical Value
Hardness	JIS K-7215 25°C	Shore D	70 or more
Volume Resistivity	JIS K 6911 25°C	Ω-cm	5.0 x 10 ¹⁵
Water Absorption	JIS K 6911 boil for 2hrs	wt%	1.0 or less
Dielectric Constant	JIS K 6911 25°C 1MHz	-	4.1
Dielectric Loss Tangent	JIS K 6911 25°C 1MHz	%	0.04

The above values are typical and not specification



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