

CHIPCOAT

KS-1-65E1

CHIPCOAT G8345D Data Sheet

CHIPCOAT G8345D is a dam material with good shape.

It has Low stress and Fast curing.

Comparison of the product specifications are shown below:

ITEM	UNIT	G8345D	NOTES
Filler content	wt%	77	
Color	-	Black	
Viscosity	Pa.s	56	50rpm,1min
Thixotropic index		3.3	5rpm/50rpm
Gel Time	sec	30	@150C
Volume resistivity	Init.	Ohm.cm	500V,1min
	After PCT 20hrs		
Potassium content	ppm	0.1	after PCT 20hrs
Sodium content	ppm	0.1	after PCT 20hrs
Chloride content	ppm	2.2	after PCT 20hrs
Coefficient of linear expansion	$\alpha 1$	ppm/C	At TMA
	$\alpha 2$		
Glass transition	deg.C	145	At TMA
Moisture absorption (after PCT hrs)	%	0.6	
Dielectric constant	1MHz	3.8	
Dielectric loss tangent	1MHz%	0.6	
Bending modulus	GPa	18	
Bending strength	MPa	150	

(Curing condition: 130Cx5min + 160Cx10min)

PCT : 121C 2atm 20hours

These data are only for reference, and are not guaranteed.

HOW TO USE

***Curing:** Standard: 90Cx60min + 160Cx60min
Less time : 130Cx5min + 160Cx10min

***Storage:** Blow -20 degree C

***Thawing:** Defrost the syringes by leaving at room temperature, 25 degree C, for 2 hours before use it

Pot life data

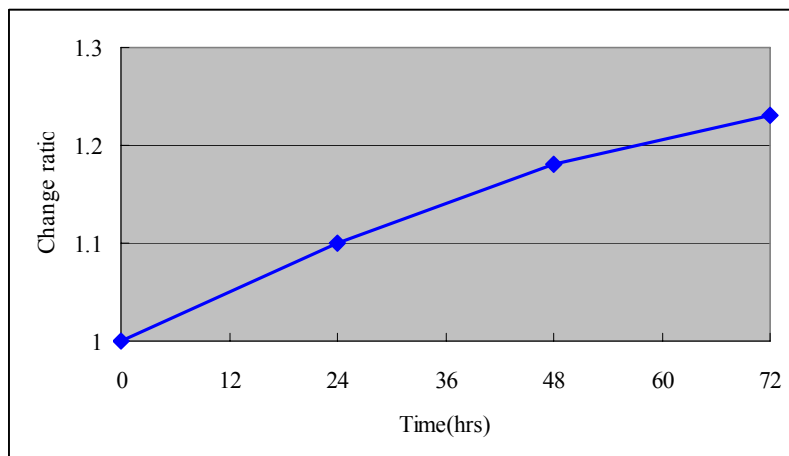
1. Test condition

Temperature : 25 degree C

Viscometer : Brookfield DV-1

Measurement condition : 50rpm

2. Test result



Pot life : 24hrs@25deg.C

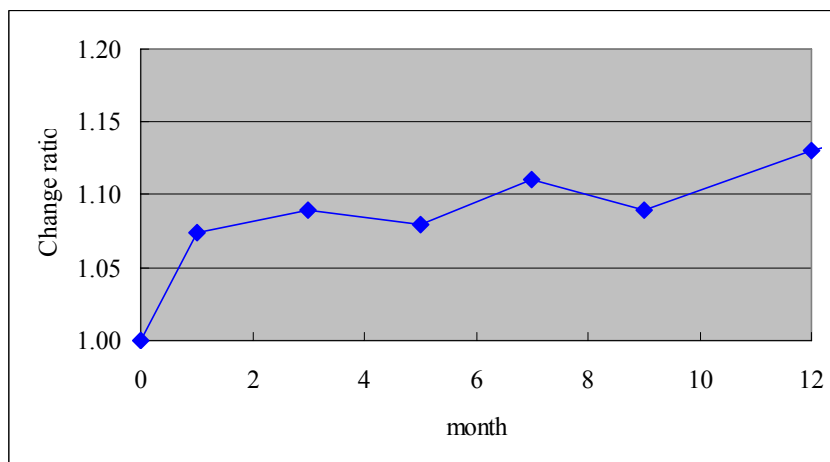
Shelf life data

1. Typical properties change of G8345D after -20deg.C storage were measured to check its shelf life.

2. Test condition

Store condition: - 20 deg. C

3. Test result



Shelf life : 6month@-20deg.C