



START FORMULATION

Waterborne Conductive Primer

Component A:

- 1 Epoxy Resin
- 2 Graphite Granules
- 3 Diluent

CeTePox® 440 R / 72 WAS

Precision Graphite 23061
Deionised Water

CTP AM / Aditya Birla
K.W.Thielmann&Cie. GmbH
local

Component B:

- 1 Curing Agent
- 2 Curing Agent
- 3 Diluent
- 4 Conducting Agent
- 5 Filler
- 6 Graphite Granules
- 7 Carbon Black

CeTePox® 2420 H**CeTePox® 1613 H**

Deionised Water
Catafor CA 80
Silicar N 6
Precision Graphite 23061
Raven® 16

CTP AM / Aditya Birla
CTP AM / Aditya Birla
local
Lubrizol Deutschland GmbH
ESK-SIC GmbH
K.W.Thielmann&Cie. GmbH
Aditya Birla Carbon

1.12.008

52.6
26.3
21.1

100.0

18.7
0.6
40.2
2.0
15.1
20.1
4.0

100.0**Technical Data**

Mixing Ratio
Density
Viscosity
Practically Usable Pot-life
Electric Resistance With Primer

Component A : B
Component A + B
Component A + B
Component A + B
Component A + B

by weight
g / ml
mPa*s
Min.
kΩ

1 : 1.6
1.3
thixotropic
~180
< 10

Manufacturing Instructions Component A

- Pos. 1: submitted
Pos. 2: are added at low speed and dispersed at low shear rate
Pos. 3: are added and stirred at low speed until the mixture is homogenous

Manufacturing Instructions Component B

- Pos. 1 to 4: is weighed in and stirred at low speed
Pos. 5 to 7: are added one after the other at low speed,
afterwards the batch is stirred at higher speed for approx. 15 min. until fillers are finely dispersed.

After mixing Part A and B for approximately 3-5 minutes the formulation is ready for application.

**More
Information ?**



CTP ADVANCED MATERIALS GmbH
Stahlstrasse 60, D-65428 Rüsselsheim, Germany
Fon: +49 6142 91 85 0, Fax: +49 6142 91 85 55 - Mail: ctp@ctpgmbh.de; www.cetepox.de

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