

CERTIFICATE OF ANALYSIS



CUSTOMER: فنی مهندسی پارسان

PRODUCT: 7032 KP18AR (wrinkle)

BATCH NO: -

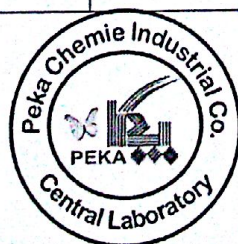
PRODUCTION DATE: -

Powder properties

property	Method	specifications	values
Color	Standard color	Pebble grey
Density	CSA-Z245.20-10 (12.6)	1.50 ±0.05 gr/cm ³	1.51 gr/cm ³
Shelf life	-	-	12 months
Theoretical Coverage	-	at 90 µm film thickness	7.7 -7.2 m2/Kg

Film properties

property	Method	specifications	values
Gloss	Visual	Glossy	Glossy
Coating Thickness	ISO 2360	90±5 µm	91
Indentation	ISO 2815	Minimum 80	80
Adhesion	ISO 2409	0	0
Cupping test	ISO 1520	Minimum 5 mm	7 mm
Bend test	ISO 1519	No cracking at a diameter of 5 mm	4 mm
Impact test	ISO 6272	No cracking at 70 Kg.cm	pass
Constant Humidity (500 hr)	ISO 6270-1	No blistering	pass
Machu test	Qualicoat 2.11	No infiltration exceeding 0.5 mm on both sides of the scratch	pass
Salt Spray Resistance (500 hr)	ASTM B117	No blistering	pass
Resistance to mortar	EN 12206-1 par. 5.9	No defects no detachment	pass
Resistance to Boiling Water	Qualicoat 2.16	No blistering in excess of 2 (S2)	pass



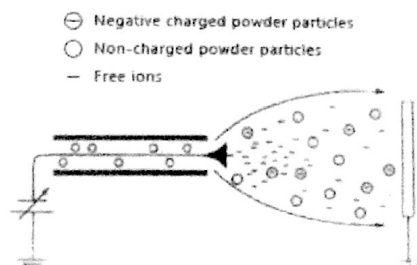
Peka Chemie Industrial Co, No.TM55, BooAli Sina St., Baharestan Blvd., 4th Phase of Shams Abad industrial Town, 35th Km Qom - Tehran highway -Iran, +9821-83824

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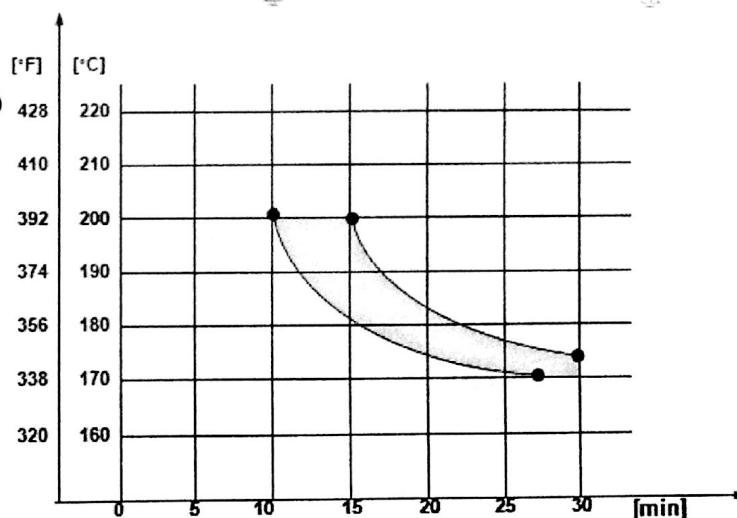
Application Method

This powder can be applied by electrostatic spray equipment which can provide a negative tension of 70-100 Kv (corona) and tribo guns (If the seventh character of code is T).



Cure Schedule

Metal T (°C)/ Time (min)
 200(°C)/ 10 (min)
 190(°C)/ 13 (min)
 180(°C)/ 15 (min)



Storage

The recommended optimum conditions for powder storage are:

- Temperature < 25°C
- Relative humidity 50 - 65%
- Away from direct sunlight

Health and Safety

Safety Phrases:

Do not breathe dust. Avoid contact with skin and eyes. Wear suitable protective clothing and eye/face protection.

Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.



CERTIFICATE OF ANALYSIS



CUSTOMER: فنی مهندسی پارسان
 PRODUCT: 7035 KP18AR (wrinkle)
 BATCH NO: -
 PRODUCTION DATE: -

Powder properties

property	Method	specifications	values
Color	Standard color	Light grey
Density	CSA-Z245.20-10 (12.6)	1.52 ±0.05 gr/cm ³	1.52 gr/cm ³
Shelf life	-	-	12 months
Theoretical Coverage	-	at 90 µm film thickness	7.7 -7.2 m2/Kg

Film properties

property	Method	specifications	values
Gloss	Visual	Glossy	Glossy
Coating Thickness	ISO 2360	90±5 µm	90
Indentation	ISO 2815	Minimum 80	80
Adhesion	ISO 2409	0	0
Cupping test	ISO 1520	Minimum 5 mm	7 mm
Bend test	ISO 1519	No cracking at a diameter of 5 mm	4 mm
Impact test	ISO 6272	No cracking at 70 Kg.cm	pass
Constant Humidity (500 hr)	ISO 6270-1	No blistering	pass
Machu test	Qualicoat 2.11	No infiltration exceeding 0.5 mm on both sides of the scratch	pass
Salt Spray Resistance (500 hr)	ASTM B117	No blistering	pass
Resistance to mortar	EN 12206-1 par. 5.9	No defects no detachment	pass
Resistance to Boiling Water	Qualicoat 2.16	No blistering in excess of 2 (S2)	pass



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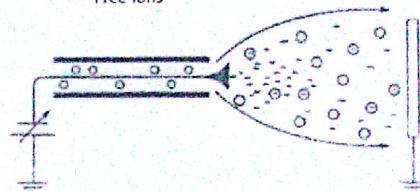
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Application Method

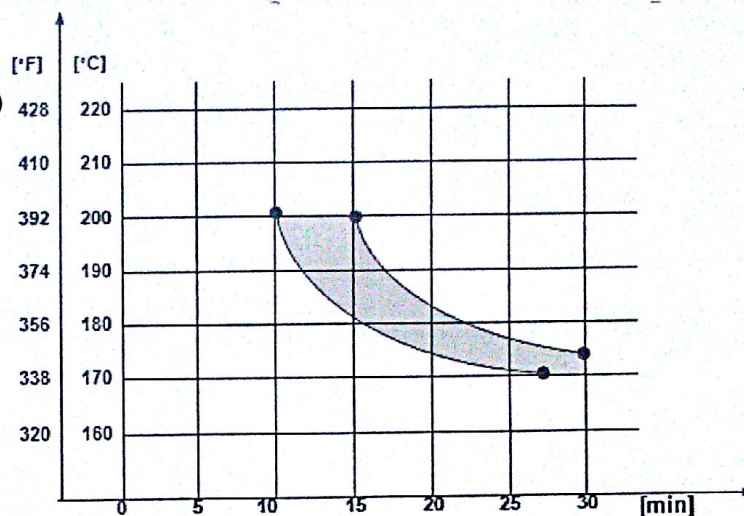
This powder can be applied by electrostatic spray equipment which can provide a negative tension of 70-100 Kv (corona) and tribo guns (If the seventh character of code is T).

- ⊖ Negative charged powder particles
- Non-charged powder particles
- Free ions



Cure Schedule

Metal T (°C)/ Time (min)
 200(°C)/ 10 (min)
 190(°C)/ 13 (min)
 180(°C)/ 15 (min)



Storage

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