

IFP FIREKILL PBC

BC Dry Chemical Powder(with Potassium Bicarbonate)

Description

- **IFP FIREKILL PBC** is a highly efficient BC type dry chemical extinguishing powder.
- It is based on potassium bicarbonate, one of the most effective agents against B and C class fires.
- **IFP FIREKILL PBC** is about 2.5 times more effective than Sodium bicarbonate powder **IFP FIREKILL SBC**
- The active ingredient is mixed with additives for improving its fluidity and making it weather resistant.
- It is compatible with AFFF and AR-AFFF foam, but not compatible with Protein Foam.

Application

IFP FIREKILL PBC is an efficient extinguishing agent for class B and C fires. It is suitable for combustible liquids and burning gases. It can also be applied on fires involving energized electrical equipment. It is not appropriate for extinguishing metal fires.

It may be used in both, hand portable and wheeled extinguishers, vehicles and fixed systems. As propellant, compressed air, nitrogen or carbon dioxide may be used.

Toxicity

It is non toxic and harmless to human and animal bodies. Extensive tests have indicated that in normal application no detrimental effect will be experienced.

Storage and Shelf Life

IFP FIREKILL PBC is formulated for not being affected by long term storage; it may last up to five years without losing its typical characteristics. However, the powder's integrity depends on the prevalent storage conditions. It is highly recommended to store in temperature < 50°C dry places (< 75% relative humidity), avoid sudden weather conditions changes, do not stack the pallets, handle the packages with care and maintain the product in its original, tight sealed packaging until use.

Standard Packing

Standard packing are in 5 kgs./10 kgs./25 kgs./50 kgs. (net wt) hermetically sealed polyethylene bags. For safe transportation these bags may be packed in mild Steel Drums / High Density Polythene Drums of suitable sizes if required by Customer.

Standards

BIS Marked as per IS 4308:2019

Physical and Chemical Properties

PROPERTIES

Appearance

Colour

Potassium Bicarbonate content, Min.

Apparent Density gm/ml

Particle size distribution

0.150 mm (100 mesh)

0.075 mm (200 mesh)

0.045 mm (325 mesh)

Moisture Content, Max.

Water Repellency, Max.

Fluidity, gm/sec, Min.

SPECIFICATIONS

Free Flowing Powder

White

75% - 90%

0.95 ± 10%

Min

Max

0%

5%

15%

25%

15%

35%

0.5%

1.5%

50

Ordering Information

| Part Number | Description | Volume, m ³ (ft ³) | Weight (kg) |
|-------------|-------------------|---|-------------|
| 201013-01 | Polythene bag | -- | 4.0 |
| 201013-02 | Polythene bag | -- | 6.0 |
| 201013-03 | Pail/Can of 25 kg | | 26.2 |
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| 201014-02 | Polythene bag | -- | 6.0 |
| 201014-03 | Pail/Can of 25 kg | | 26.2 |

Due to continuous R&D work, effects of product improvements are incorporated as & when required

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