

IFP-FIREKILL PK

BC Dry Chemical Powder (Potassium bicarbonate)

Description

- **IFP-FIREKILL PK** 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 PK** is about 2.5 times more effective than Sodium bicarbonate powder
- 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 PK 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 PK 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.

Approvals

UL Listed (UL 299C and UL-711)

Other Standards

EN 615
IS 4308

Physical and Chemical Properties

Properties

Appearance
 Chemical Content
 Apparent Density, gm/ml
 Moisture Content, Max.
 Free Flowing Test, Min.
 Hygroscopicity, Max.

Specifications

Free Flowing Powder
 80%-90%
 0.85 – 1.10
 0.5%
 50 gm/sec
 2%

Standard Packing

Standard packing are in 5, 6, 9, 25, 1000 kgs. (net wt) hermetically sealed polyethylene bags. For safe transportation these bags may be packed in High Density Polythene Drums of suitable sizes. Other packing sizes are also available on request.

Ordering Information

| Part Number | Description | Volume, m ³ (ft ³) | Weight (kg) |
|------------------|---------------------|---|-------------|
| 201050-01 | Polythene bag 5 kg | -- | 5 |
| 201050-02 | Polythene bag 6 kg | -- | 6 |
| 201050-03 | Polythene bag/9 kg | -- | 9 |
| 201050-04 | Polythene bag/25 kg | -- | 25 |
| 201050-05 | Polythene bag/1 ton | -- | 1000 |

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