

IFP-FIREKILL ABC

Multipurpose ABC Dry Chemical Powder (with Monoammonium Phosphate)

Description

IFP-FIREKILL ABC is Monoammonium Phosphate based multipurpose Dry Chemical powder for fire fighting, capable to resist influences of climatic extremes both temperature and humidity. It is a high purity MAP based Powder treated with different type additives required for free flowing & moisture repellency. Following are the important characteristic:

- Non hygroscopic and moisture resistant
- Non Toxic
- Non abrasive
- Non Caking
- Compatible with foam and other dry chemical powders
- High specific surface coverage (cm²/gm)
- Absolutely free flowing

Application

IFP-FIREKILL ABC is a general purpose (universal) dry chemical powder with excellent efficiency to fight all classes of fires i.e. A, B, C, D and E Fires. It is suitable for all types of hand-operated fire extinguishers as well as for mobile extinguishers and fixed installations. As dry propelling agents compressed air, nitrogen or carbon dioxide can be used. When these powders are applied to hot and smouldering surfaces, the particles fuse and swell to form a barrier which excludes oxygen and thereby completes the extinguishing process and prevents re-ignition. It is suitable for best fire fighting choice for high risk like aviation, petroleum product storage area & wood, paper fire. Minimum expected fire rating with a 6 kg Fire Extinguisher is 43A/233B.

Toxicity

IFP-FIREKILL ABC Dry Chemical Powder is does not contain harmful ingredients, and therefore environmental friendly, non-Toxic to humans and animals.

Storage and Shelf Life

IFP-FIREKILL ABC has been formulated by siliconised ingredients for free flowing with no loss of properties during a verylong storage life. A storage life in excess of 5 years is expected if stored in original container in a dry atmosphere of less than 75% relative humidity. Recommended use temperature between -54°C (Minimum) and 50°C (Maximum).

Approvals and Standards

BIS Marked (IS 4308:2019)

UL Listed (UL 299C and UL-711)

Physical and Chemical Properties

Properties

Appearance

Colour

MAP Content

Apparent Density, gm/ml

Moisture Content, Max.

Free Flowing Test, Min.

Water Repellency, Max

Hygroscopicity, Max.

Specifications

Free Flowing Powder

Yellow

90 ± 3%

0.90 ± 0.10

0.25%

50 gm/sec

0.5%

1.5%

Standard Packing

Standard packing are in 5, 6, 9, 10, 25 and 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)
201060-01	Polythene bag 5 kg	--	5
201060-02	Polythene bag 6 kg	--	6
201060-03	Polythene bag/9 kg	--	9
201060-04	Polythene bag/10 kg	--	10
201060-03	Polythene bag/25 kg	--	25
201060-04	Polythene bag/1 ton	--	1000

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