

TECHNICAL DATA SHEET



DRY CHEMICAL POWDER – MAP (ABC)

Brief description: PalEx DCP-ABC is multipurpose dry powder for fire fighting. It's a Mono Ammonium Phosphate based Powder that treated with different type additives to make the powder free flowing & moisture repellent.

1. GENERAL DATA :-

Trade Mark/Brand	“PALEX”
BIS Standard Code	IS 4308:2019
Type	Dry Chemical Powder ABC MAP Commercial/MAP 40, 50, & 90%



2. FEATURES :-

- It is MAP based powder
- It is free flowing & moisture resistant
- Suitable for A, B & C class fires.

3. APPLICATIONS :-

It is multipurpose extinguishing powder which is used to combat with Class-A fires (wood, papers, timber, tyers, etc), Class-B fires involving non-polar fuel & polar fuel and Class-C fires involving energized electrical equipment. Specific applications include refinery, textile etc. MAP based ABC agent is much more effective than bicarbonate based extinguishing agent. It should not be mixed with Bicarbonate based dry chemical powder.

ABC powder should not use in chlorine or oxidizer fire because of its vigorous reaction with oxidizer which release toxic gases.

It is also not effective for Class-D fires.

4. TYPICAL PHYSICAL & CHEMICAL PROPERTIES :-

Appearance	Free flowing yellow powder
MAP Content	40, 50, 90% or As per requirement
Apparent density	0.70-1.10
Free flowing characteristics	≥ 50 gm/s
Moisture Content	<0.2%
Water Repellence	<0.75%
Fire performance	Passes

5. MARKING & APPROVAL :-

BIS (BUREAU OF INDIAN STANDARD)

PALLADIUM SAFETY SOLUTIONS PVT. LTD.

An ISO 9001 : 2015 Certified Company

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