

## ChemPlast PCE 100

General Purpose PCE Based Plasticizer  
For Concrete

Customized Construction Chemicals

**Description:** - ChemPlast PCE 100 is general purpose modified polycarboxylic ether based plasticizer for PMGSY, CC and RCC roads and local concrete road. ChemPlast PCE 100 increase concrete workability and consistency. It produce cohesive mix and increase compressive strength of concrete.

### **Characteristic Parameters:-**

It conforms to specification prescribed in IS: 9103:1999

Test Parameters	Specification
Appearance	Light/Dark Brown Colour Liquid
Specific Gravity at 27°C	1.04 ± 0.02
Ph. at 27°C	≥ 6
Chloride Content %	0.0001

### **Features/Advantages**

- ❖ It is economical and easy to use.
- ❖ Easy dispersion in water.
- ❖ Make concrete mix cohesive and workable with good consistency.
- ❖ Increased concrete compressive strength and concrete durability.
- ❖ Reduce permeability of concrete.

### **Applications**

- ❖ Concrete PMGSY, CC and RCC roads.
- ❖ Used for half or one hour retention.
- ❖ Develop rheology property.
- ❖ Precast concrete industry.

### **Application Methodology**

- ❖ Add ChemPlast PCE 100 with dosing water. It should not come into contact with dry cement, Aggregate, Sand etc.
- ❖ Firstly Charge all concrete material into the mixer and mix for 1 minutes. Then add about 70 % water in Concrete and mix for 3 minutes.
- ❖ Add remaining water with admixture and mix for 3 additional minutes to obtain the required slump & Properties.

**Dosage:**-Add ChemPlast PCE 100 0.6 –1.8 % by weight of cementitious material.

### **Health & Safety**

- ❖ Before handling wear Nose mask, Hand gloves, Helmet & Goggles.
- ❖ Avoid contact with skin / eyes, and avoid swallowing.
- ❖ If contacted with skin, clean immediately with plenty of clean water.
- ❖ Ensure adequate ventilation and avoid inhalation of vapor.

**Packing:** - 220/230 Kgs.

**Shelf-Life and Storage Condition:-** Shelf life is 12 months from the date of manufacturing when stored with undamaged and unopened original sealed drum. Keep in dry and cool place & temperature should be +10°C to + 30°C.

### **Our Other Products Ranges Are:-**

- Concrete Admixtures
- Sealants & Primer
- Industrial Floorings
- Concrete Repair Products
- Mould Release Agents
- Adhesive for Tiles, Marbles and Stones
- Concrete Curing Compounds
- Waterproofing Chemicals
- Industrial Grouts
- Concrete Hardeners
- Concrete Bonding Agents
- Joint Filler Grouts for Tiles, Marbles and Stones

Offshore

**Important Note:-** Offshore Chemox products are confirming standard manufacturing specification and procedure. Offshore Chemox products are given in good faith based on Offshore Chemox current knowledge and experience of the products when properly stored, handled and applied under normal conditions. Offshore Chemox product are confident against defective materials and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Offshore Chemox endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

#### **OFFSHORE CHEMOX**

(AN ISO 9001: 2015 Certified Company)  
Plot. No.1032/135 BPCL Petrol Pump  
Campus, Gorewada Road, Gittikhadan  
Square, Nagpur- 440013 (Maharashtra)  
Phone:-07304444499, 8412843399  
Email: [info.offshorechemox@gmail.com](mailto:info.offshorechemox@gmail.com)  
Web: [www.offshorechemox.com](http://www.offshorechemox.com)



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