

# ChemPlast PCE 400

## High Range PCE Based Super Plasticizer for High Performance Concrete

**Description:** - ChemPlast PCE 400 is high range Polycarboxylic ether based hyper super plasticizer for use where high water reduction, high performance and high workability retention concrete are required. Due to high water retention and high polymer percentage produce self-compacting and flow able concrete.

### **Characteristic Parameters**

It conforms to specification prescribed in IS: 9103:1999

### **Features/Advantages**

- ❖ Lower permeability.
- ❖ Resistance to aggressive atmospheric condition.
- ❖ High workable and high performance.
- ❖ Easily pumpable and flow able.
- ❖ Resistance to segregation and bleeding even at high workability.
- ❖ Extended setting with longer workability.
- ❖ Improved adhesion to reinforcing & stressing steel.
- ❖ Reduced shrinkage & creep.
- ❖ Reduced slump loss.

### **Applications**

- ❖ Ready mixed concrete.
- ❖ Pavement quality concrete.
- ❖ Precast concrete industry.
- ❖ Long-distance transporting.
- ❖ Long workability.
- ❖ Pumpable and flow able concrete.
- ❖ High strength and high durability concrete.
- ❖ Piling concrete.

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

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