

# CRYSTAL CB-P4000

P-TYPE CARBON BLACK POLYETHELENE MASTERBATCH

## Product Description

A P-TYPE carbon black polyethylene masterbatch with high pigment concentration, carbon black particle (size<25nm), bright color, deep black appearance, very high jetness and tinting strength, excellent dispersion and very good compatibility with raw materials.

## Typical Applications

CRYSTAL CB-P4000 is a P-TYPE carbon black polyethylene masterbatch that can be used for wide range of applications specially for pressure pipe and cable also injection, extrusion, fiber, film and sheet applications.

## Specifications

| Property                            | Unit    | Test method | Typical value |
|-------------------------------------|---------|-------------|---------------|
| Density at 23 °C                    | g/cm3   | ASTM D792   | 1.10          |
| Melt flow rate ( 5.0 kg at 190 °C ) | g/10min | ASTM D1238  | 0.5           |
| Carbon black content                | %       | ASTM D1603  | 40            |
| Moisture content                    | %       | ASTM D6980  | < 0.04        |
| Base carrier                        | -----   | -----       | LLDPE         |

\* Data should not be used for specification work.

## Storage and Shelf Life

CRYSTAL CB-P4000 should be stored in dry conditions and it's recommended to be kept under 50°C and unexposed to Ultra Violet considering that improper storage may cause color changing & odor generation. The shelf life at proper storage conditions is three years from the date of production.

## Safety

CRYSTAL CB-P4000 is classified as no-dangerous material. We advise you to follow our safety guidelines and recommendations in our Material Safety Data Sheet.

The information given here relies on test results realized under our own conditions. As customer conditions may vary it should not be considered as binding.