

DATA SHEET

COLD - BOX

PRM CB 01

Description

PRM CB 01 is a synthetic resin dissolved in a various solvents has been designed to produce core and mould parts by Cold-Box Process.

PRM CB 01 is excellent for use in the production of grey and ductile iron, steel and nonferrous heavy-metal castings thanks to its technological properties.

PRM CB 01 is used in production of core and mould parts of grey iron, ductile iron and steel as well as non-ferrous castings.

Advantages

- Long bench-life and reduction of waste core sand
- Minimises resin build up in the core-box
- Low levels of parting agent required
- Problem-free stripping of cores from the core-box
- Increased thermal stability, reduced tendency to erosion
- Very good dimensional stability, reduced deformation
- Reduction of benzene, toluene and xylene emissions

Physical Properties

Appearance : Clear Yellow, Density (20 °C) : 1.068 – 1.078 g/cm³

Viscosity (20 °C) : 90 - 130 mPa.s

Storage Life : max.6 months - 20 °C

Storage

PRM CB 01 must be stored under cool conditions with the containers tightly sealed. Extended exposure to temperatures above 40°C can lead to a permanent damage in the properties of the material.