

BENTOPROCARBO

DESCRIPTION

BENTOPROCARBO is an excellent bentonite binder with lustrous carbon formers used for preparation of sand moulds for casting of iron (grey, ductile, vermicular, white malleable iron). BENTOPROCARBO is produced by careful mixing of bentonite binder BENTOPRO-A and quality mineral lustrous carbon formers of natural origin. BENTOPROCARBO is produced exclusively from natural raw-materials and its usage helps to avoid any safety and environmental issues that are regulated by law.

APPLICATION

BENTOPROCARBO is used as a binder and lustrous carbon carrier for the preparation of all types of moulds for gray and ductil iron. Some of the benefits of using BENTOPROCARBO:

- Improved casting surface
- High dimensional precision
- Improved separation of the mould from the casting surface
- Decreased level of casting defects and scrape rates

| Parameter | Unit | BPC-20 | BPC-25 | BPC-30 | BPC-35 | BPC-A |
|-------------------------|------------------|-------------|-----------|-----------|-----------|-----------|
| Moisture (105 °C) | % | 8 - 12 | 8 - 12 | 8 - 12 | 8 - 12 | 8 - 12 |
| Volatile matter | % | 15 - 19 | 16 - 20 | 17 - 21 | 18 - 22 | 21 - 24 |
| LOI | % | 24 - 28 | 28 - 32 | 32 - 36 | 36 - 40 | 41 - 45 |
| Lustrous carbon | % | 1,6 - 1,8 | 1,8 - 2,2 | 2,2 - 2,4 | 2,4 - 2,6 | 3,2 - 3,6 |
| Sulphur | % | ≤ 0,5 | ≤ 0,6 | ≤ 0,7 | ≤ 0,8 | ≤ 0,9 |
| Dry sieve analysis 63µm | % | < 40 | | | | |
| Bulk density | t/m ³ | 0,70 - 0,77 | | | | |

PACKAGING

- 25 kg (paper bags on a pallet 1.000 kg, protected with plastic foil)
- 1 ton (big bags)
- In bulk

STORAGE AND SHELF LIFE

To be stored in original packaging in dry place.
 Shelf life: 2 years.

QUALITY CONTROL

Bentoproduct Ltd. operates in accordance with the Integrated Management System which encompasses ISO 9001:2015, ISO 14001:2015 and



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