

Bihoren 17 003

High Density Polyethylene (HDPE) Re-granulate / Compound Technical Data Sheet

Description

Bihoren 17 003 is a High density polyethylene re-granulate compound produced by subsequent technological operations of separation, washing, regrinding, blending and compounding of selected pure HDPE films. Contains 70 % of separated technological waste and 30% of prime grade of one of Europe's leading manufacturer.

Application area

Bihoren 17 003 is developed for extrusion HDPE films for various purposes like trash bags etc. Does not fit to contact with food or drinking water.

Typical colours

Borslen 17 003 typically offered in black, blue, green and grey. On request also different color can be produced with minimal lot of 22 tons

Typical properties

| Properties | Typical Value | Unit | Test Method |
|--------------------------------|---------------|-------------------|-------------|
| Melt Flow Rate (190°C/2.16 kg) | 0,3 | g/10 min | ASTM D 1238 |
| Density, 23°C | 0,949 | g/cm ³ | ASTM D 1505 |
| Melting point (DSC) | 120 | °C | ASTM D 3418 |

Processing

Recommended Processing Conditions 190 - 230°C
Typical melt temperature: 160 - 180°C

Packaging

Big bags (woven PP) on wooden pallets

Storage and handling

Pallets should not be stored one on the top of another, risk of wetness. Hazardous in case of fall. Storage The product should be stored in a dry area with an ambient temperature. It should be kept away from sunlight, sparks, heat and flame. Inappropriate storage conditions can lead to color changes and the deterioration in physical properties. It is advised to process PE resins within 6 months after delivery.

Recycling

Recycling The product is not hazardous or toxic and it is suitable for recycling. If it can't be recycled, the waste material can be disposed at a suitable landfill site, or at an approved waste incineration facility in accordance with applicable local, provincial, state and federal regulations. Medical Applications Policy The product mentioned herein is not tested for use in pharmaceutical/medical applications