Borslen 17 020

Low Density Polyethylene (LDPE) Re-granulate / Compound
Technical Data Sheet

Description

Borslen 17 020 is a low density polyethylene re-granulate compound produced by subsequent technological operations of separation, washing, regrinding, blending and compounding. Contains 70 % of separated or technological waste and 30% of prime grade LDPE MFR 2,0 g/10 min @ 2,16 kg.

Application area

Borslen 17 020 developed for general purpose application like thin films, trash bags, insulation foams, injection molding, compounds ect, contains no additives. Meets the requirements for contact with food or drinking water.

Typical colours

Borslen 17 020 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)	2,0	g/10 min	ASTM D 1238
Density, 23°C	0,921	g/cm^3	ASTM D 1505
Melting point (DSC)	108	°C	ASTM D 3418

Processing

Recommended Processing Conditions 140 - 180°C
Typical melt temperature: 160 - 180°C

Packaging

Big bags (woven PP) on wooden pallets per 1000 kg net

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