

# Borslen 17 005

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

### Description

Borslen 17 005 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 0,3 g/10 min @ 2,16 kg.

### Application area

Borslen 17 005 is developed for general purpose application like heavy duty films, trash bags, agricultural films, coating wire, sheet extrusion, non pressure pipes, contains no additives. Does not fit to contact with food or drinking water.

### Typical colours

Borslen 17 005 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)	0,5	g/10 min	ASTM D 1238
Density, 23°C	0,921	g/cm <sup>3</sup>	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

### 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.