

Orapet 17 200

Polyethylene Terephthalate (PET) Re-granulate / Compound Technical Data Sheet

Description

Orapet 17 200 is a Polyethylene Terephthalate 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 PET viscosity 80 dl/g.

Application area

Orapet 17 200 developed for general purpose application like fibers, textiles, extrusion, thermoforming, non pressures liquid containers, Does not fit to contact with food or drinking water. The product mentioned herein is not tested for use in pharmaceutical/medical applications.

Typical colours

Orapet 17 200 typically offered in natural, 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
Intrinsic Viscosity	0,8	Dl/g	WN-B010-7040 D
Melting Temperature	248	°C	WN-B010-7089 D
Acetaldehyde content	≤ 1	ppm	WN-B010-9013 D

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.