

Santolen C 17 050

Polypropylene Copolymer (PP - C) Re-granulate / compound Technical Data Sheet

Description

Santolen C 17 050 is a polypropylene copolymer re-granulate compound produced by subsequent technological operations of separation, regrinding, blending and compounding of selected or technological waste. Contains 70 % of separated technological waste and 30% of prime grade of one of Europe 's leading manufacturer.

Application area

Santolen C 17 050 is developed for injection molding of thick wall objects and containers like car batteries, filled compounds etc. This product does not meet criteria for contact with food, drinking water, nor pharmaceutical applications.

Typical colours

Santolen C 17 050 typically offered in natural, 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)	5	g/10 min	ISO 1133-1
Flexular modulus	1400	MPa	ISO 178
Tensile Strength at Yield	30	MPa	ISO 527-1,2

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 must not be stored one on the top of another, hazardous in case of fall. The product should be stored in a dry area with ambient temperature. Avoid significant temperature changes, risk of atmospheric wetness condensation. Keep 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 PP resins within 6 months after delivery.

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.