

Technical Data Sheet of Polyethylene



RECYCLING

EKOPE PCR-S

Description

EKOPE PCR-S is Recycled Polyethylene produced as a result of washing and cleaning of consumer waste.

Application

- * Shrink
- * Heavy duty bags
- * Bundle
- * Non Food PE films

Caution

- * Not suitable for food packaging.
- * May contain slip, antiblock and antioxidant.
- * May give a slight color

Physical Properties

Property	Typical Value	Test Method
Density (g/cm ³)	0,920 - 0,930	ISO 1183
MFI (g/10 mins.)	0,3 – 1,0	ISO 1133
Bulk Density (g/l)	500	ISO 66/77

Processing Techniques

It is easily processed in Blown extruders.
Melting temperatures are between 160 - 195 °C

Storage

It should be stacked under 50 °C and protected from sunlight
Humidity and moisture in the storage area may cause physical, odor and color changes in the product.

Appearance Property

There can be some small plastic substances which do not come from standard PE in the granules. These small particles can appear as black small grains (carbon deposits) in the material. There will be color changes and inclusions on the final product, it varies from batch to batch (but you can also see it within one and the same batch). The variation comes from the base material / granules which naturally have a certain color difference.

Safety

The product is not classified as dangerous.



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Recycling

The product can be recycled using crushing and washing methods. Recycled polyethylene is not as clear as virgin polyethylene.

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Related Documents

We can send the following documents upon request.

- * Material Safety Data Sheet
- * GRS certificate
- * Recyclclass certificate

Information

It can be unstable product inconsistencies because of the obtained from recycling materials.

Please don't forget, given test results are tested in the Ekopet Laboratory and that results can change batch to batch because of the recycled materials.

Customer should determine suitability of product according to using conditions.

The customer is responsible for the safety and legality of product.

This TDS includes described product, Ekopet is not responsible for occurring mistakes in final product which that the customer's mixing with other different products.

The product is not tested for use for food contact, water contact, medical.

Due to the nature of recycling products, some variation can be observed in color and other properties. Otherwise, general sale conditions are valid.

