



**TotalEnergies**

Refining & Chemicals  
Polymers

## Polyethylene Circular Compound rPE 5673

Technical data sheet  
High Density Polyethylene  
Produced in Europe

### Description

Circular compound rPE 5673 is a high density polyethylene, containing 70% of recycled HDPE originating from post-consumer waste collected in Western European countries.

Circular compound rPE 5673 is suited for the manufacture of multilayer films for various applications such as collation shrink, furniture covers, tissue wraps etc. It is also suited for the manufacture of blow moulded packaging for household and industrial liquids. The compound is odour free, natural in colour and exhibits very good stress-cracking resistance.

Circular compound rPE 5673 is not intended for food contact, pharmaceutical nor medical applications.

### Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm <sup>3</sup>	0.957
Melt Flow Rate (190°C/2.16 kg)	ISO 1133/D	g/10 min	0.30
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	30
ESCR AntaroX 100%	ASTM D 1693/B	h	F <sub>50</sub> = 50

(\*) Data not intended for specification purposes

### Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: [www.polymers.totalenergies.com](http://www.polymers.totalenergies.com).

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