


TotalEnergies

Refining & Chemicals
Polymers

Polyethylene Circular Compound rPE 6314

Technical data sheet
High Density Polyethylene BLOW MOULDING
Produced in Europe

Description

Circular compound rPE 6314 is a high density polyethylene, containing 50% of recycled HDPE originating from post consumer waste collected in Western European countries.

Circular compound rPE 6314 properties are comparable to virgin HDPE resins in term of performance and consistency. It is odour free, natural in colour and exhibits an excellent stress-cracking resistance. It is especially suited for the manufacture of blow moulded bottles and containers for laundry, cleaning, household and industrial liquids.

Circular compound rPE 6314 is not intended for food contact, pharmaceutical and medical applications.

Characteristics

Property	Method	Unit	Typical value (*)
Density	ISO 1183	g/cm ³	0.955
Melt Flow Rate (190°C/2.16 kg)	ISO 1133/D	g/10 min	0.25
Melt Flow Rate (190°C/21.6 kg)	ISO 1133/G	g/10 min	25
ESCR AntaroX 100%	ASTM D 1693/B	h	>300

(*) 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.

Polyethylene

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