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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

Polyethylene