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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 ³	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 ₅₀ = 50

(*) Data not intended for specification purposes

Polyethylene