

Post-Consumer Recyclate

Recleo™ S D8000-61

Description

Recleo™ S D8000-61 is a mixed green polyolefin (polypropylene/polyethylene blend) post-consumer recyclate (rPO) supplied in different colours. This product is an ideal PO used where sustainability and circularity matter. Recleo™ S D8000-61 is a post-consumer recyclate including a large part of recycled post-consumer waste coming from pre-sorted household waste. It has a Recylass certificate available upon request. Due to the nature of recyclates, some variation in colour can be observed between batches.

Typical characteristics

Good moulding properties

Available in homogenised 24-ton truckloads

Applications

Recleo™ S D8000-61 is intended for following applications:

Extrusion and injection moulding non-food applications

This product is recommended for Hot Runners.

Physical properties

Property	Typical value *	Unit	Test method
Density	940	kg/m ³	ISO 1183
Melt flow rate (230 °C/2.16 kg)	6	g/10min	ISO 1133
Ash 650°C ¹	<5	%	ISO 1172
Moisture content	<0.1	%	Moisture analyzer (infrared)
Tensile modulus (1 mm/min) (23°C)	820	Mpa	ISO 527-2
Charpy impact strength, notched (23 °C)	7	kJ/m ²	ISO 179-1/1eA

* Data should not be used for specification work

¹ Refers to filler content

Processing techniques

This product is easy to process with standard injection moulding machines. Following parameters should be used as guideline:

Processing setting	Typical value/range
Melt temperature	210-260 °C
Holding pressure ²	200-500 bar
Mould temperature	30 - 40 °C
Injection speed	High

² minimum to avoid sink marks

Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available on our website www.borealisgroup.com.

Recleo™ is a trademark of the Borealis Group

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