

RavaBio® 1020 S

Bio based compound

Description:

RavaBio 1020 S is a low flow bio polyester compound based, developed for blow film applications and packaging industry.

RavaBio 1020 S is considered as compostable compound.

General

MFI (190°/2,16kg)	ISO 1133	2	g/10min
Density	ISO 1183	1,27	g/cm ³

Mechanical

Tensile modulus (Film 40 µm)	ISO 527	150	MPa
Tensile strength TD (Film 40 µm)	ISO 527	13	MPa
Tensile strength MD (Film 40 µm)	ISO 527	8	MPa
Elongation at break (Film 40 µm)	ISO 527	330	MPa
Tensile strength at yield (23 °C)	ISO 527	12	MPa
Tensile strength at break (23 °C)	ISO 527	35	MPa
Elongation at break (23 °C)	ISO 527	360	%
Tensile modulus (23 °C)	ISO 527	250	MPa

Remark:

Drying

It is a bio polyester compound, highly hygroscopic, before processing needs to be pre-dried, preferable on a dehumidification process, 4 -6 hours at 45-60°C.

Processing conditions for blown film extrusion

Feeding Zone 40-60 °C
 Zone 1 155 °C
 Zone 2 160 °C
 Zone 3 165 °C
 Zone 4 170 °C
 Adapter 165 °C
 Die 165 °C
 Mass temperature Max. 190 °C

PROVISIONAL DATASHEET

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago Recycled Quality are ISO 14021:2016 compliant. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application

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