

RavaBio® 91 T 20 S

Bio based compound

Description:

RavaBio 91 T 20 S is a mineral filled, bio polyester - TPS compound, developed for injection molding applications for the packaging industry. Excellent surface and properties.
RavaBio 91 T 20 S is considered as compostable compound.

General

MFI (190°/2,16kg)	ISO 1133	18	g/10min
Density	ISO 1183	1,33	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	44	°C
HDT/B (0,46MPa)	ISO 75B	49	°C
Vicat softening point (B50 (50N))	ISO 306	54	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	4	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	45	MPa
Tensile strength at break (23 °C)	ISO 527	35	MPa
Elongation at yield (23 °C)	ISO 527	2	%
Elongation at break (23 °C)	ISO 527	7	%
Tensile modulus (23 °C)	ISO 527	3700	MPa

Remark:

Processing guideline

It is a bio polyester compound, highly hygroscopic. Before processing it needs to be pre-dried, preferable with a dehumidification process, 4-5 hours at 45-60 °C.
Cylinder temperatures 140 to 180 °C, melt temperature preferably not higher than 210 °C. Desirable 185 °C. Mould temperature 30 to 60 °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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