



RavaBio® 1220 ST

Ravago Manufacturing Europe - Thermoplastic Polyester

General Information

Product Description

RavaBio 1220 ST is a low flow polyester compound based, developed for blow film applications and packaging industry.

RavaBio 1220 ST is considered a compostable compound

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Filler / Reinforcement	• Mineral		
Features	• Compostable	• Low Flow	• Renewable Resource Content
Uses	• Film	• Packaging	
Processing Method	• Blown Film		

Properties¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	350	MPa	ISO 527-1
Tensile Stress (Break, 23°C)	40.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	400	%	ISO 527-2
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
Tensile Modulus (23°C, 40 µm)	250	MPa	ISO 527-3
Tensile Strength			ISO 527-3
MD : 23°C, 40 µm	19.0	MPa	
TD : 23°C, 40 µm	25.0	MPa	
Tensile Elongation (Break, 23°C, 40 µm)	480	%	ISO 527-3

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	155	°C
Cylinder Zone 2 Temp.	160	°C
Cylinder Zone 3 Temp.	165	°C
Cylinder Zone 4 Temp.	170	°C
Adapter Temperature	165	°C
Melt Temperature	< 190	°C
Die Temperature	165	°C

Notes

¹ Typical properties: these are not to be construed as specifications.