

TECHNICAL SPECIFICATIONS

PRODUCT	<i>HORTAFLEX 200 G/M²</i>
ARTICLE CODE	<i>G02080HORT0000B</i>
COLOUR	<i>BROWN</i>
CUSTOMER	
COMPOSITION	<i>100 % FIBRES PLA (Poly Lactic Acid)</i>

MECHANICAL CHARACTERISTICS	NORM	VALUE	TOL
WEIGHT	EN ISO 9864	200	±10 %
THICKNESS	EN ISO 9863-1	2 mm	± 1 mm
TENSILE STRENGTH (MD)	EN ISO 10319	3 kN/m	± 0,5 kN/m
ELONGATION (MD)	EN ISO 10319	min 80%	
TENSILE STRENGTH (CD)	EN ISO 10319	3 kN/m	±0,5 kN/m
ELONGATION (CD)	EN ISO 10319	min. 80 %	

POLYMER CHARACTERISTICS	NORM	VALUE	TOL
UV RESISTANCE (measured on tensile strength) (LOSS)	500 H QUV	max 25 %	
BIODEGRADABILITY (Half life MW; 20°C-70%RH) (DAYS)		1000	
FIRE BEHAVIOUR (PLA RESIN)			
FOSSIL ENERGY USAGE (PLA RESIN)		34 MJ/kg	
CO2 EMISSION (PLA RESIN)		0 KG CO2 eq./kg poly	
GRASS SEED (selected mix)	g/m ²	-	
IGNITABILITY BY SMOULDERING CIGARETTE	EN ISO 12952 -1/2	no ignition	

DIMENSIONS	NORM	VALUE	TOL
ROLL LENGTH		100 - 150 lm	± 3%
ROLL WIDTH		maximum 5,4 m	± 1%
CORE DIAMETER (outside/inside in mm)		145/120 mm	
MAX. ROLL DIAMETER			

HYDRAULIC CHARACTERISTICS	NORM	VALUE	TOL
WATERRETENTION	DIN 53923	2 l/m ²	
WATERPERMEABILITY TOWARDS THE PLANE	EN ISO 11058	120 l/m ² /sec	