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Ficha Técnica

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APPEARANCE : Metal Green Color Particles
 PARTICLE SIZE : 0.006", 0.008", 0.015" 0.062", 0.094"
 PARTICLE SHAPE : HEX

COMPOSITION

INGREDIENTS	CAS No	INCI NAME/CI No	% WEIGHT
Cellulose	9004-34-6	Cellulose	90.55
Aluminum	7429-90-5	77000	0.14
Surface binder	125826-44-0	Polyurethane-33	8.60
FD&C Yellow # 5	12225-21-7	19140	0.12
Ferric Ferrocyanide	25869-00-5	77510	0.59

Specifications are subject to change 24.08.2021

RC MECHANICAL PROPERTIES

Properties	Units	Test Methods	Typical Values
Thickness	Micron		20
Tensile strength MD	MN/m ²	ASTM D 882	125
Tensile strength TD	MN/m ²	ASTM D 882	70
Weight	g/ m ²		29.1
Yield	m ² /kg		34.5
OTR	cm ³ / (m ² d bar)	ASTM F 1927 (23°C/50% r.F)	1
WVTR	gm/(m ² d)	ASTM F 1249 (38°C /90% r.F)	10
Optical density			2.5

RC ENVIRONMENTAL DATA

Properties	Units	Test Methods	Typical Values
Bio based carbon content (14C)	%	ASTM D 6866	90
Biomass content (total)	%		87
Carbon footprint (GHG) KgCO2 eq/kg (incl.biogenic)		Peer reviewed LCA 2010 GaBi software	5.35
Home compostability		OK Compost home	Certified
Industrial compostability		EN13432, EN14995, ASTM D 6400 & ISO 17088	Certified
Anaerobic digestion		ISO 15985	Approved
Marine biodegradation		ASTM D 6691-09	Approved

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