

RUTA de la CERA, S.L.

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BORDA

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**Ficha Técnica****CERTIFICATE OF ANALYSIS**

PRODUCT NAME :
CODE :
LOT NO :
MANUFACTURE DATE : 23-07-2024
EXPIRY DATE : 23-07-2029
APPEARANCE : Dark Red Color
PARTICLE SIZE : 0.006''
PARTICLE SHAPE : HEX

CHEMICAL COMPOSITION

INGREDIENTS	CAS No	INCI NAME/CI No	% Weight
Cellulose	9004-34-6	Cellulose	89.209
Aluminium	7429-90-5	77000	0.051
Surface binder	125826-44-0	Polyurethane-33	8.046
Red Colorant	84632-65-5	56110/ Red 254	2.076
Magenta Colorant	3089-17-6	73907/Red 202	0.526
Yellow Colorant	5567-15-7	21108	0.034
Black Colorant	1333-86-4	77266	0.059

Specification are subject to change 02.01.2021

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) KgCO ₂ 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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