

# Reflex<sup>®</sup> Micropack

white

The paper for sustainable packaging with a unique barrier property

202112

What for	How	Why
<p>Composite and mono packaging Inlay for cardboard packaging Flexible packaging</p>	<p>Offset printing* Flexographic printing Hot foil stamping UV drying Oil-based,Dispersion- and UV varnishes Drilling and perforating Embossing Inkjet- and Laserprint</p>	<p>Naturally transparent Gas-tight Mineral oil barrier Grease-tight Aroma sealed Food-safe - ISEGA certification Acid-free Recyclable Uniform look through Home and industrial compostable - OK compost, TÜV Austria</p>

## What exactly

Characteristics	Unit									Standards
Grammage	g/m <sup>2</sup>	60	70	80	90	100	110	150	170	EN ISO 536
Caliper	µm	55	63	69	76	85	92	120	135	EN 20534
Moisture content	%	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5	EN 20287
Volume spec.	cm <sup>3</sup> /g	0,9	0,9	0,9	0,85	0,85	0,85	0,8	0,8	DIN 53105
Surface pH		~7	~7	~7	~7	~7	~7	~7	~7	DIN 53124
Cobb 60	g/m <sup>2</sup>	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	DIN 20535
Smoothness TS	s	25	25	20	15	13	12	6	5	DIN 53107
Smoothness WS	s	30	25	25	20	18	15	8	7	DIN 53107
Tear-growth MD	mNm/m	350	450	500	600	650	820	1.300	1.650	DIN 53115
Air permeability Bendtsen	ml/min	<1	<1	<1	<1	<1	<1	<1	<1	DIN 53120-1
Robinson Test (Taste and odor neutrality)		1	1	1	1	1	1	1	1	DIN EN1230-1/DIN EN1230-2
Gas permeability	cm <sup>3</sup> /m <sup>2</sup> d	<0,5								DIN 53380-3 dry
Water vapor transmission rate	g/m <sup>2</sup> d	150	140	130	120	110	100	55	50	DIN 53122-1
Grease permeability (24h)	n	<1	<1	<1	<1	<1	<1	<1	<1	DIN 53116 (Palm kernel fat)
Grease permeability (Turpentin Test)	s	1.800+	1.800+	1.800+	1.800+	1.800+	1.800+	1.800+	1.800+	Tappi T454 om-10
KIT-Test (Grease permeability)		no strike through								Tappi T559
MOSH/MOAH barrier	%	>90	>90	>90	>90	>90	>90	>90	>90	in accordance with DIN EN 14338



The mark of responsible forestry



Certified by the DQS:  
ISO 9001  
ISO 50001

\*Use only with purely oxidative drying inks.  
Given values are targets and are subject to alterations.  
The information given is our current knowledge.  
We recommend own tests before using material for the first time.