

LipoPack® Natural Brown is produced from 100% bleached virgin fiber (brown fiber pigmentation) and **suitable for direct food contact**. It fulfills **BfR 36/2** and is **oven/microwaveable up to 220°C**. Furthermore, it offers excellent technical properties, pleasant haptics and good printability in offset, flexo and digital printing. **LipoPack® Natural Brown** is also suitable for **corrugated cardboard production**.

	Standard	Unit	Tolerance	80	90	120	150	175	185	190	215/225	250
Basic Weight	ISO 536	g/m ²	+/- 4%									
Thickness	ISO 534	µm	+/- 5%	120	135	180	225	260	275	285	320/330	350
Whiteness	ISO	%		85								
Moisture	ISO 287	%	+/- 1%	5,5								
Cobb 60 Cobb 1800	ISO 535	g/m ²		20 40-50			20 60-65			20 70-80		
Porosity	ISO 5636-3	ml/min	0,74 kPa 5 cm ²	ca. 250	ca. 225	ca. 175	ca. 150	ca. 150	ca. 125	ca. 125	ca. 100	ca. 100
Roughness	ISO 2494	ml/min	0,74 kPa	ca. 200	ca. 250	ca. 300	ca. 450	ca. 550	ca. 550	ca. 550	ca. 625	ca. 650
Stiffness	ISO 2493	mN	Längs - MD Quer - CD	-	-	>20 >10	>40 >20	>65 >30	>80 >35	>90 >40	>130 >50	>180 >80
Tensile strength	ISO 1924-2	m	Längs - MD Quer - CD	> 6.500 > 3.000	> 6.500 > 3.000	> 6.500 > 3.000	> 6.000 > 2.750	> 6.000 > 2.750	> 6.000 > 2.750	> 6.000 > 2.750	> 5.500 > 2.500	> 5.500 > 2.500
Burst strength	ISO 2758	KPa		225	250	350	400	400	450	450	500	550
Robinsontest	DIN 109555			≤ 0,8								

Test climate: 50% RH, 23°C

