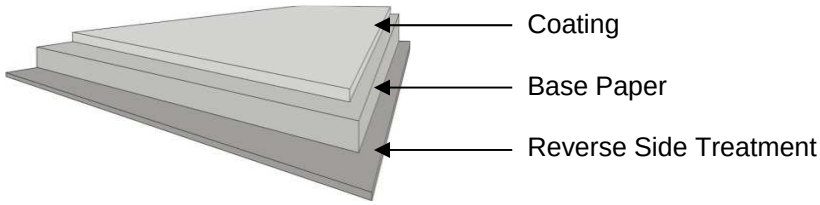
LabelSet

one-side coated, high wet strength, high white, high gloss, alkaline resistant, high wet opacity

Main Application: offset or rotogravure printed full wet strength labels for returnable and non-returnable packaging containers for the beverage, food and non-food industry



Specification

Property		Test Method	Substance			
			70 g/m²	75 g/m²	80 g/m²	90 g/m²
Substance, g/m²		DIN EN ISO 536, balance	70 ± 4 %	75 ± 4 %	80 ± 4 %	90 ± 4 %
Brightness, %	CS	ISO 2470-2	89,5 ± 2	89,5 ± 2	89,5 ± 2	89,5 ± 2
Caliper, µm		DIN EN ISO 534	62 ± 5	67 ± 5	71 ± 5	80 ± 5
Gloss, %	CS	ISO 8254-1	61 ± 4	61 ± 4	61 ± 4	61 ± 4
Smoothness, Bekk sec.	CS	in accordance with DIN 53107, Bekk	≥ 700	≥ 600	≥ 600	≥ 500
Smoothness, Bekk sec.	RS		≤ 120	≤ 120	≤ 120	≤ 120
Relative Humidity, %		electronic humidity tester	50 ± 5	50 ± 5	50 ± 5	50 ± 5
Tensile Strength dry, N/15mm	MD	DIN EN ISO 1924-2, L&W	≥ 50	≥ 55	≥ 60	≥ 60
Tensile Strength dry, N/15mm	CD		≥ 32	≥ 35	≥ 37	≥ 37
Tensile Strength wet, N/15mm	MD	DIN ISO 3781, 5 min immersion time in water, L&W	12 ± 2	12 ± 2	12 ± 2	12 ± 2
Wet Opacity, %		DIN 53146, D65/10°, 5 min immersion time in water, Elrepho	70 ± 4	72 ± 4	74 ± 4	78 ± 4
Cobb Value, g/m²	RS	DIN EN ISO 535, $Cobb_{60}$	15 ± 3	15 ± 3	15 ± 3	15 ± 3
Alkaline Penetration, sec.		ISO 12632	≤ 50	≤ 50	≤ 50	≤ 50
Alkaline Wash Off Time, sec.			≤ 100	≤ 100	≤ 100	≤ 100
Alkaline Resistance, minutes		DIN 16524-7	60	60	60	60

Tests are conducted at standard atmosphere of 23°C and 50% relative humidity according to DIN 50014. The technical readings with tolerances and their max. and min. values respectively are standard values of our production. The tolerances are considered to be correctly met when 95% of the values ascertained comply with the mentioned data. Beyond that 4,5% of the tested individual values shall not deviate by more than up to 1,5-fold of the tolerance. In the maximum only 0,5% of the individual testings shall exceed the 1,5-fold tolerance range. Adhering to the tolerance is based on DIN 19306-7.3; determination as per DIN 55302, item 1. All technical data are subject to alteration. As the figures are standard values, they do not form a constituent part of our sales conditions.