

# Product sheet

# ZANTO

## PRODUCT DESCRIPTION

Uncoated fine paper designed for sheet fed and heatset web offset printing.

## MAIN END USES

Annual reports, Brochures, Catalogues, Illustrated books, Calendars, Advertising materials, Folders, Inserts

## FEATURES

Printing methods	Offset printing	Available in	Sheets
Product type	Woodfree uncoated papers	Mill	M-real Zanders Gohrsmühle
Finish	Uncoated		

## TECHNICAL INFORMATION

Property, unit	Standard	Values												
Grammage g/m <sup>2</sup>	ISO 536	60	70	80	90	100	110	120	140	150	170	190	250	300
Caliper µm	ISO 534	75	90	100	112	125	134	146	171	183	205	229	301	361
Density g/cm <sup>3</sup>		0.8	0.78	0.8	0.8	0.8	0.82	0.82	0.82	0.82	0.83	0.83	0.83	0.83
Opacity %	DIN 53146 / ISO 2471	89.5	89.5	91.5	93	94.5	95.5	96.5	98	98.5	99	>99	>99	>99
Bulk cm <sup>3</sup> /g	ISO 534	1.25	1.28	1.25	1.25	1.25	1.22	1.22	1.22	1.22	1.2	1.2	1.2	1.2
Roughness	DIN 53108	220	220	220	220	220	220	220	220	220	220	220	220	220
L*	ISO 5631	95	95	95	95	95	95	95	95	95	95	95	95	95
a*	ISO 5631	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
b*	ISO 5631	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
Brightness %	DIN 53145	104	104	104	104	104	104	104	104	104	104	104	104	104
CIE Whiteness CIE	ISO 11475	146	146	146	146	146	146	146	146	146	146	146	146	146
pH value	DIN 53124	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5

Test methods : Density g/cm<sup>3</sup> (ISO 534), Roughness (D65), Brightness % (Elrepho 450)



IMO-COC-026282

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