

# Saugbrugs NorSC Polar

**End use:** Magazines, inserts, catalogues, direct mail and door drop.

Basic properties	ISO							
Basis Weight	(ISO 536)	(g/m <sup>2</sup> )	45	47.4	51	54	57	60
Thickness	(ISO 534)	(µm)	44	46	47	48	51	54
Density	(ISO 534)	(kg/m <sup>3</sup> )	1020	1040	1080	1100	1120	1120
Bulk	(ISO 534)	(cm <sup>3</sup> /g)	0.98	0.96	0.93	0.91	0.89	0.89
Brightness D65	(ISO 2470)	(%)	76	78	80	80	80	80
CIE Whiteness	(ISO 11475)	(%)	75	77	78	78	78	78
L-value D65	(ISO 5631-2)	(D65/10°)	89	89	89	89	89	89
a-value D65	(ISO 5631-2)	(D65/10°)	0.1	0.1	0.1	0.1	0.1	0.1
b-value D65	(ISO 5631-2)	(D65/10°)	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
Opacity.	(ISO 2471)	(%)	90	91	92	93	94	95
Gloss Hunter	(ISO 8254-1)	(%)	40	43	46	46	46	46
Smoothness PPS 10	(ISO 8791-4)	(µm)	1.20	1.20	1.20	1.20	1.20	1.20

PRODUCT FAMILY:  
SC

FINISH:  
Gloss

PRINTING METHOD:  
Heatset & Rotogravure  
Characterization data:  
Fogra 46

PRODUCER:  
Saugbrugs

*Last Updated:  
May 2019*

Norske Skog  
Saugbrugs is certified  
according to:

Paper Profile  
PEFC  
FSC  
EU Timber Regulation  
ISO 50001: 2011  
ISO 9001: 2015  
ISO 14001: 2015  
EU Ecolabel  
EU Timber Regulation