

ROYAL ROTO BRILLIANT PLUS
MANUFACTURED BY SAPPI GROUP OF MILLS

Features													
Description	Royal Roto Art Paper has well balanced Brightness/Opacity ratio, precise image reproduction, outstanding print gloss and even print surface, consistent quality and unparalleled productivity. With its superior print gloss and brightness, it combines outstanding image reproduction with proven reliability at high volumes, adding extra punch to your quality magazines and brochures. Available in wide range of basis weight in Gloss, Silk and Matt finishes.												
Printing Methods	Heatset Web Offset												
End use	Quality Magazines, Brochures, Catalogues.												
Typical specifications	STANDARD	UNIT											
BASIS WEIGHT	ISO 536	g/m ²	90	100	115	130	135	150	170	200	225	250	275
BRIGHTNESS (illuminant D65/10°)	ISO 2470-2	%	95,5	95,5	95,5	95,5	95,5	95,5	95,5	95	98	98	98
GLOSS TAPPI 75° (MD)			ISO 8254-1		69	69	69	69	69	69	69	68	68
OPACITY	ISO 2471	%	91,5	92,5	94,5	95,5	95,5	96,5	97,5	98	98,5	98,5	99
SPECIFIC VOLUME	ISO 534	cm ³ /g	0,74	0,74	0,74	0,74	0,74	0,74	0,74	0,75	0,73	0,74	0,75
ROUGHNESS PPS	ISO 8791-4	µm	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,9	0,60	0,60	0,6

PRINT RECOMMENDATIONS

Recommendation for printing conditions	Fogra 39 characterisation data.
Recommendation for max. TAC %	320%
Screen ruling	60-80l/cm Suitable with all existing half tone technologies.
Processing	Allow paper to acclimatise to press room conditions/temperature before removing outer packaging. Wrappers should be removed only when ready to print.

Reel specifications

Reel width	350 - 2260 mm (GJ 410 - 2260mm)
Diameters	1000, 1230 mm
Max weight	3000 kg
Core	76 mm

Wrapping

Kraft paper laminated with polyethylene. The wrapping is recyclable.

Product and mill certifications

MILL CERTIFICATION						PRODUCT CERTIFICATION				
EMAS	ISO 14001	ISO 9001	OHSAS 18001	PEFC C.o.C	FSC™ C.o.C	ECF	PEFC credit material	FSC™ Mix	Food contact	Toy safety
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FSC™ & PEFC may have limited availability.

Updated: 12/06/2012