ARIA

ASIA SYMBOL

www.asiasymbol.com
as_cs@asiasymbol.com

Product Sheet ARIA Offset

General

ARIA Offset is a top grade uncoated woodfree paper with excellent printability and runnability available in high-bright white shade.

Standard Basis Weight Range

60, 70, 80, 90, 100 and 120gsm

Printing

ARIA Offset is optimized for offset printing including sheet-fed offset and web offset printing.
For offset printing, ink available in the market suited for uncoated paper should be used. Care should be taken when feeding the ink. Too much ink can cause slow drying and smearing.

Production

ARIA Offset is produced at ASIA SYMBOL's Xinhui mill in Guangdong and that is produced from a mix of ECF short and long fiber pulp from sustainably managed forests. Locally grounded calcium carbonate is used as filler. The paper is neutral sized.

Usage Area

ARIA Offset is specially formulated for printing end products such as manuals, brochures, inserts, maps, catalogues, books, annual reports, envelopes, commercial forms etc.

Converting

ARIA Offset is well suited for stitch, thread and perfect binding. No limitations within the basis weight range for folding and perforating.

Picture & Text

Picture:
Best reproduction in black/white as well as in color for light pictures. For heavy shadow printing, undercolor removal is recommended. Shadow density should not exceed 240%.

Screen Ruling:
Up to 54 lines/cm can be used. Best result is obtained at 40-44 lines/cm.

Text:
The matt uncoated surface, which is reflex-free and ideal for non-strenuous reading.

Environmental

ARIA Offset is made from plantation wood and is renewable.

- Ream: Paper / Polyethylene
- Pallet: Plywood
- Shrink-wrap for pallet: Polyethylene

Paper from 100% Plantation Fiber

Elemental Chlorine Free ECF

Characteristics	Unit	Specifications						Test Method
Basis Weight	g/m^2	60	70	80	90	100	120	ISO 536
Thickness	µm	77	87	99	111	121	143	ISO 534
Bendtsen Roughness	ml/min	140	140	140	140	140	140	ISO 8791-2
ISO Brightness	%	95	95	95	95	95	95	ISO 2470
ISO Opacity	%	88	92	94	94	96	97	ISO 2471
CIE Whiteness	%	158	158	158	158	158	158	ISO 11475
Moisture	%	6.0	6.0	6.0	6.0	6.0	6.0	ISO 287