

AS Series

QUICK FRESH

General Information

Quick Fresh Series are designed for both letterpress and sheet-fed offset printings on wide range of papers. Quick series comprises of process inks and spot colours. Quick Fresh inks are suitable for almost all paper and boards for printing on one and multi- colour presses. This series inks are also suitable for continuous presses.

Technical Properties

- High gloss
- Very good rub and scratch resistance
- Excellent ink-water balance
- Excellent dot sharpness
- Excellent runnability and press performance
- Fast setting and drying
- Suitable for fast back-ups
- High colour strength and print density
- Excellent ink transfer even at high speed
- Inks can be left 48 hours in the duct
- Suitable for UV varnishing

Product Specifications

Physical Properties

Base	: Drying alkyd / Ink resins
Colour	: Process colours /spot colours
Tack	: 7,0 – 8,5 (400 rpm/32°C/Inkometer)
Solid Content	: 55 - 80 %
Density	: 1,0 -1,1 g/ml
Drying Mechanism	: Oxidation / penetration
Viscosity	: 70 – 100 Pa.s. (23°C, CP50, 25s ⁻¹ , Anton Paar MCR101)
Flash point	: >100 °C

This information is based on our latest state of knowledge, experience and results obtained in laboratory conditions by using specific processes and application types. Variety of the printing and process conditions may affect the results. In this case please contact to our technical department. And please check product performance and properties in your own conditions before doing industrial production. Artience Toyo Printing Ink disclaims any liability for applications for which this ink series is not foreseen.

Fastness Properties

	Light Fastness	Alcohol	Alkali	Nitro
AS-0250 Yellow	7	+	(+)	-
AS-1255 Yellow	7	+	-	+
AS-0226 Yellow	4	+	+	+
AS-0253 Yellow	5	+	+	+
AS-0254 Yellow	5	+	+	+
AS-1268 Orange	5	+	+	+
AS-0256 Orange	6	+	+	+
AS-0602 Warm Red	3	-	+	+
AS-0604 Red	6	+	+	+
AS-0631 Magenta	5	+	(+)	+
AS-1084 Magenta	5	+	(+)	+
AS-0088 Magenta	4	+	-	-
AS-0450 Purple	4	-	-	-
AS-0451 Violet	4	-	(+)	-
AS-0709 Reflex Blue	3	-	-	-
AS-1738 Blue	4	-	(+)	-
AS-1760 Blue	8	-	+	+
AS-0727 Blue	8	+	+	+
AS-0168 Blue	8	+	+	+
AS-0310 Green	4	-	+	+
AS-0353 Green	8	+	+	+
AS-0350 Green	5	+	+	+
AS-0351 Green	5	+	+	+
AS-0945 Grey	5	+	+	+
AS-0950 Brown	6	-	+	+
AS-0453 Brown	6	+	+	+
AS-0456 Opaque White				

Application Properties

Application Method : Litho offset
 Dry Film : 1 - 2 gr/m²

Storage

Place away from sources of heat, ignition and direct sunlight. Could be stored in tightly closed pails/containers, indoors at normal room temperature (20°C) for 5 years.

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