
PRODUKTINFORMATION



Extreme PSO SF

Die Skala ist eine moderne Universalserie, die für ein breites Anwendungsspektrum konzipiert wurde. Sie ist mineralölfrei, bedingt kastenstabil und auf Basis nachwachsender Rohstoffe rezeptiert.

Diese Farbserie ist nach Cradle-to-Cradle™- Product Standard bewertet und mit dem Platin Level ausgezeichnet.

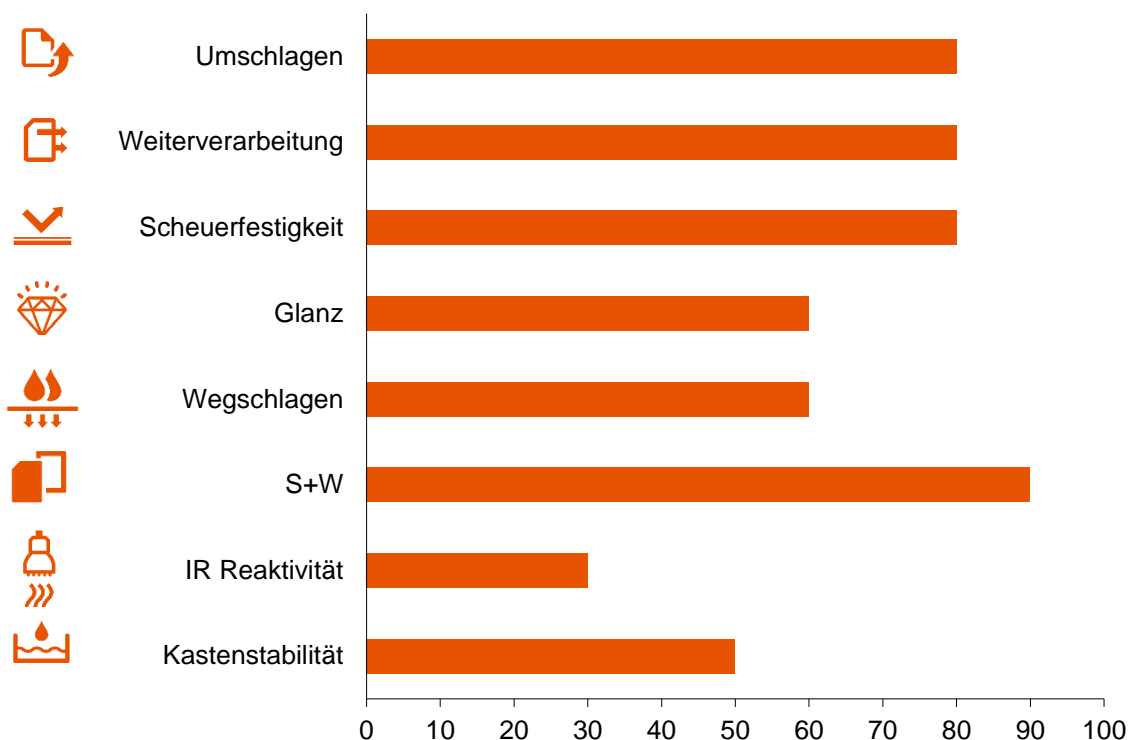
Die Farbserie erfüllt folgende Kriterien:

- Cobaltfrei
- Geeignet für alle Maschinentypen im Schön- und Widerdruck
- Geeignet für saugfähige Bedruckstoffe
- Gute Deinkbarkeit
- Hervorragende Verdruckbarkeit
- Hervorragende Scheuerfestigkeit
- Mittleres Wegschlagen
- Sehr gute Farb-Wasser-Balance
- Nicht für die Anwendung im Lebensmittelverpackungsdruck empfohlen

NORMEN

- Entspricht den Vorgaben der ISO 2846-1 sowie ISO 12647-2 und erreicht bei entsprechender Tonwertspreizung eine neutrale Graubalance
- Geeignet zur Herstellung von Spielzeug gemäß den allgemeinen chemischen Sicherheitsanforderungen in Anhang II der Spielzeugrichtlinie 2009/48/EG und der Migrationsgrenzwerte in der Norm EN 71-3

EIGENSCHAFTEN



ECHTHEITEN

		Farbnr.	Licht	Lasur	Sprit	Nitro	Alkali
Extreme PSO SF	Y	122615	5	+	+	+	+
Extreme PSO SF	M	122616	5	+	+	+	-
Extreme PSO SF	C	122617	8	+	+	+	+
Extreme PSO SF	B	122618	8	-	+	+	+
Extreme PSO SF	Y*	134714	6-7	+	+	-	+

+ Eigenschaft gegeben - Eigenschaft nicht gegeben

* Der C2C-MHC PLATIN Status kann nur erreicht werden, wenn das Gelb 134714 verwendet wird. Der Farbton dieses Gelbes entspricht nicht dem Standard Prozess Gelb aufgrund der verwendeten Pigmentierung, um die Norm ISO 12647-2 zu erreichen.

DRUCKHILFSMITTEL

Additive	Nr.	Dosierung
Extrafit Ink Reducer	071	max. 5 %
Extrafit Ink Gel	348	max. 5 %
Extrafit Ink Dryer	2001	max. 5 %

LAGERUNG

- Vor Frost, Hitze und direkter Sonneneinstrahlung schützen
- Lagerung nur in Originalgebinden bei 10 – 30 °C
- Ungeöffnet und richtig gelagert haben die Farben eine Haltbarkeit von 24 Monaten ab Lieferdatum

ZERTIFIKATE

- Diese Farbserie wurde anhand der Kriterien der Material Health Kategorie des Cradle-to-Cradle™- Product Standard bewertet und vom zuständigen Products Innovation Institute in San Francisco mit dem PLATIN-Level ausgezeichnet.
Siehe dazu auch: <http://www.c2ccertified.org/products/mhcertificate/cc-printing-ink-series>
- Die Farbserie ist für den Druck mit dem Blauen Engel (DE-UZ 195) geeignet

Hinweis: Diese technische Beschreibung soll Sie informieren und beraten. Sie entspricht unserem derzeitigen Kenntnisstand. Da der konkrete Anwendungsfall jedoch von einer Vielzahl von Faktoren abhängig ist, auf die wir keinen Einfluss haben, kann eine Garantie für den Druckausfall nicht abgeleitet werden.



Epple Extreme PSO

ISSUED TO Epple Druckfarben AG

STANDARD 3.1

EXPIRES 24 September 2023

LEAD ASSESSMENT BODY

EPEA GmbH - Part of Drees & Sommer

PHASES AND PROCESSES CONSIDERED IN THE CHEMICAL TOXICITY ASSESSMENT

Final manufacturing, professional use; Intended end of use: recycling; Unintended end of use: landfilling, release to the environment

PRODUCTS COVERED

Epple Extreme PSO (134714, 122616, 122617, 122618)

This product was assessed exclusively for use by professional printers trained in the proper handling and use of protective equipment for sensitising and irritating inks. The requirements for certification have only been met under these conditions.

PRODUCT OPTIMIZATION SUMMARY

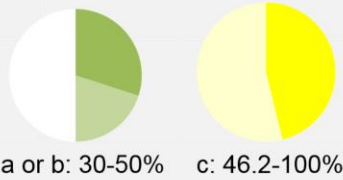
- Cradle to Cradle Certified*® Banned List compliant
- Material Health optimization strategy not required
- No exposure from carcinogens, mutagens, or reproductive toxicants
- VOC emissions testing not required for this product type
- Product is fully optimized - does not contain any GREY or x-assessed chemicals
- Process chemicals have been identified and none are GREY or x-assessed

PERCENTAGE OF
 CHEMICAL SUBSTANCES
 ASSESSED BY WEIGHT

100%

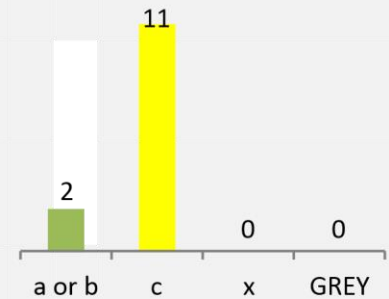
Inventory threshold for chemicals in each material = 100 ppm

ASSESSMENT RATINGS
 BY WEIGHT



% CHEMICAL SUBSTANCES

PRODUCT
 OPTIMIZATION



13 CHEMICAL SUBSTANCES

Material Health Certificate Guide

The Material Health Certificate is awarded to products assessed against the requirements in the Material Health category of the *Cradle to Cradle Certified*[®] Product Standard. The Material Health achievement level (Basic, Bronze, Silver, Gold, or Platinum) is shown in the certificate's upper right corner. A Material Health Certificate does not indicate that a product is *Cradle to Cradle Certified*[®], which requires assessment against all five Standard categories.

The *Cradle to Cradle Certified*[®] Material Health Assessment Methodology is a contextual assessment based on chemical hazard identification and qualitative exposure considerations during a product's final manufacture, use, and end-of-use. The exposure assessment is highly simplified and more conservative compared to a conventional, quantitative risk assessment.

Definitions of Administrative Fields

Field	Definition
Issued To	Company that sells the assessed product(s).
Assessed By	Assessment Body responsible for conducting the product assessment.
Expires	Date the certificate expires. Certificate renewal is required biennially.
Standard	Version of the Standard (Material Health subsection only) the product was assessed against.
Phases and Processes Assessed	Manufacturing, use, and end-of-use phases and processes that the assessor considered in the exposure portion of the Material Health assessment. Assessment results are only valid for those listed.
Products Covered	Products included in the scope of the certificate. Certificates may cover multiple product variations.

Definitions of Product Optimization Summary Fields

***Cradle to Cradle Certified*[®] Banned List compliant**

The product's materials are not known to contain chemicals on the Banned Lists of Chemicals above permitted thresholds.

Material Health optimization strategy developed

Plan developed to phase out x assessed chemicals and assess GREY content.

No exposure from carcinogens, mutagens, or reproductive toxicants

Assessed materials do not contain carcinogens, mutagens, or reproductive toxicants with plausible exposure routes.

Meets VOC emissions testing requirements

The product meets the volatile organic compound (VOC) emissions testing requirements described in the Standard.

Does not contain any GREY or x-assessed chemicals; product is fully optimized

The product's materials contain chemicals with only a, b, or c risk ratings (no GREY or x). (Note: In the *Cradle to Cradle Certified*® Material Health Assessment Methodology, chemicals in each material are assigned a, b, c, x, or GREY risk ratings. Each material is then assigned an A, B, C, X, or GREY final assessment rating based on the risk ratings of its constituent chemicals. The following table explains the rating system.

a or b (A or B)	Optimal
c (C)	Moderately problematic, but acceptable for use
x (X)	Highly problematic; targeted for phase out
GREY	Considered unassessed due to unknown identity or lack of toxicity information

Process chemicals have been identified and none are GREY or x-assessed

All process chemicals have been assessed and received an a, b, or c risk rating (no x-assessed or GREY).

Percentage Assessed by Weight

For single-material products, the cumulative percentage of assessed chemicals (a, b, c, and x). For other products, the cumulative percentage of assessed materials (A, B, C, and X). When a certificate represents a group of products, a percent range is shown.

Assessment Ratings by Weight

For single-material products, the percentage of a or b (shown in green), c (shown in yellow), and x (shown in red) assessed chemicals. For other products, the percentage of A or B (shown in green), C (shown in yellow), and X (shown in red) assessed materials. When a certificate represents a group of products, percent ranges are shown.

Product Optimization

Number of materials (or chemical substances for single-material products and multi-material product groups with uncountable color variations) assigned each assessment rating.

Cradle to Cradle Certified® is a trademark of the Cradle to Cradle Products Innovation Institute. All other marks are the property of their respective owner.