



PIGMENT DISPERSIONS

MINERPRINT®



ACHITEX MINERVA

MINERPRINT®

DISPERSIONI ACQUOSE DI PIGMENTI

I colori Minerprint® sono dispersioni a base acquosa di pigmenti organici selezionati, finemente dispersi e perfettamente omogenei, adatti per il settore della stampa tessile, ma anche per altri campi, quali vernici, fibre abrasive, nastri adesivi ed imballaggi.

La tabella colori mostra le principali tonalità dell'ampia gamma disponibile e le relative proprietà di solidità alla luce, lavaggio a secco, cloro, rivestimento con PVC e stampa corrosione.



VANTAGGI

- ✓ Alto grado di dispersione (< 1 micron)
- ✓ Eccellente resa coloristica
- ✓ Ottima riproducibilità
- ✓ Minima influenza sulla viscosità delle paste da stampa
- ✓ Adatto a sistemi di dosaggio automatici
- ✓ Esenti APEO
- ✓ Ridotto contenuto di VOC
- ✓ Esenti formaldeide
- ✓ Parte della gamma Minerprint rientra nelle certificazioni GOTS, bluesign®, ZDHC ed è presente in The List by INDITEX

Oltre ai pigmenti Minerprint®, è disponibile una gamma completa di prodotti per la stampa tessile, che comprende:

- ✓ Dispersioni e paste bianche
- ✓ Paste pronte all'uso per ottenere prestazioni ed effetti speciali, come:
 - Corrosione (tradizionale o ecologica)
 - Serie elastica
 - Perlescente (serie PERLAMIN)
 - Metallico (MINERPRINT® SILVER / GOLD)
 - Scintillante (serie MINERSTAR)
 - Tridimensionale (serie MINERFOAM)
 - Foto cromatico (serie MINERCROMIK)
 - Riflettente (serie MINERPRINT® REFLEX)



MINERPRINT®

AQUEOUS DISPERSIONS OF PIGMENTS

Minerprint® colours are water-based dispersions of selected organic pigments, finely dispersed and perfectly homogeneous, suitable for the textile printing sector, but also for other fields, such as paints, scouring fibers, adhesive tapes and packaging.

The colour chart shows the main shades of the wide range available and the relative properties of light fastness, dry cleaning, chlorine, coating with PVC and discharge printing.












ADVANTAGES

- ✓ High dispersion degree (< 1 micron)
- ✓ Excellent colour yield
- ✓ Optimal reproducibility
- ✓ Minimal influence on the viscosity of printing pastes
- ✓ Suitable for automatic dosing systems
- ✓ APEO-free
- ✓ Low VOC content
- ✓ Formaldehyde-free
- ✓ Part of the Minerprint range is included in GOTS, bluesign®, ZDHC certifications and is present in The List by INDITEX










In addition to Minerprint® pigments, a complete range of products for textile printing, is available, which consists of:

- ✓ White dispersions and pastes
- ✓ Ready-to-use pastes to obtain special performances and effects, such as:
 - Discharge (traditional or ecological)
 - Elastic series
 - Pearlescent (PERLAMIN series)
 - Metallic (MINERPRINT® SILVER/GOLD)
 - Sparkling (MINERSTAR series)
 - 3-Dimensional (MINERFOAM series)
 - Photo chromatic (MINERCROMIK series)
 - Reflective (MINERPRINT® REFLEX series)

Minerprint® colours
 Colori Minerprint®










		Artificial light / Xenotest	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg	7	5	5	5	5
	YELLOW 10GTL*** GIALLO 10GTL					
	Reduction 1/10	6	5			
	Full shade 40 g/Kg	7	4-5	5	4	5
	YELLOW 3GL GIALLO 3GL					
	Reduction 1/10	5-6	3-4			
	Full shade 40 g/Kg	6	4-5	5	3-4	5
	YELLOW 2GI GIALLO 2GI					
	Reduction 1/10	4	3-4			
	Full shade 40 g/Kg	6	4	5	3-4	5
	YELLOW GN*** GIALLO GN					
	Reduction 1/10	4-5	2-3			
	Full shade 40 g/Kg	5-6	4-5	5	2	5
	GOLDEN YELLOW 3R*** GIALLO ORO 3R					
	Reduction 1/10	4	2			
	Full shade 40 g/Kg	7	5	4	5	5
	GOLDEN YELLOW RF*** GIALLO ORO RF					
	Reduction 1/10	6-7	5			
	Full shade 40 g/Kg	6-7	5	4	4	5
	GOLDEN YELLOW LRR* GIALLO ORO LRR					
	Reduction 1/10	6	4-5			
	Full shade 40 g/Kg	7-8	5	5	5	1
	YELLOW K*** GIALLO K					
	Reduction 1/10	7-8	5			
	Full shade 40 g/Kg	6-7	4-5	5	2	5
	ORANGE OLI ARANCIO OLI					
	Reduction 1/10	5	4			

Minerprint® colours
 Colori Minerprint®

		Artificial light / Xenotest	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg	6-7	4-5	5	2	5
	ORANGE 3RL ARANCIO 3RL					
	Reduction 1/10	5	3-4			
	Full shade 40 g/Kg	6-7	4-5	5	3	4
	SCARLET TRL SCARLATTO TRL					
	Reduction 1/10	4-5	4-5			
	Full shade 40 g/Kg	7	4-5	4-5	3	4
	SCARLET ERS SCARLATTO ERS					
	Reduction 1/10	4-5	4-5			
	Full shade 40 g/Kg	7-8	2	5	1	4
	RED 2GN ROSSO 2GN					
	Reduction 1/10	4	2			
	Full shade 40 g/Kg	7-8	5	5	5	5
	RED FTL*** ROSSO FTL					
	Reduction 1/10	7	5			
	Full shade 40 g/Kg	5-6	2	5	1	1
	RED 2G ROSSO 2G					
	Reduction 1/10	4-5	2			
	Full shade 40 g/Kg	6-7	5	5	3-4	4-5
	RED BTL ROSSO BTL					
	Reduction 1/10	6-7	5			
	Full shade 40 g/Kg	6	5	5	5	5
	RED BPV*** ROSSO BPV					
	Reduction 1/10	5	5			
	Full shade 40 g/Kg	6-7	5	5	3	4
	RED BB*** ROSSO BB					
	Reduction 1/10	5	5			










Minerprint® colours

Colori Minerprint®








		Artificial light / Luce artificiale Xenotest	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg RED LBT ROSSO LBT	6-7	5	5	3	2-3
	Reduction 1/10	6	5			
	Full shade 40 g/Kg RED LC ROSSO LC	6-7	5	5	3-4	4-5
	Reduction 1/10	6-7				
	Full shade 40 g/Kg PINK 5BTL ROSA 5BTL	7	5	2	5	5
	Reduction 1/10	6-7	4-5			
	Full shade 40 g/Kg RUBINE 3BF RUBINO 3BF	6	4	5	1	1
	Reduction 1/10	4	3			
	Full shade 40 g/Kg RED VIOLET EB ROSSO VIOLETTO EB	4-5	4-5	4	1-2	4
	Reduction 1/10	3-4	4			
	Full shade 40 g/Kg BORDEAUX RN BORDEAUX RN	6-7	2	5	1	1
	Reduction 1/10					
	Full shade 40 g/Kg VIOLET 2BTL*** VIOLA 2BTL	7	5	4-5*	5	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg VIOLET RL* VIOLA RL	7	5	4-5	5	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg NAVY BLUE RM N BLU MARINO RM N	6-7	4-5	5	3-4	2
	Reduction 1/10	6-7	4-5			

Minerprint® colours

Colori Minerprint®








		Artificial light / Luce artificiale Xenotest	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg NAVY BLUE 5RF*** BLU MARINO 5RF	7	4-5	4-5	4-5	5
	Reduction 1/10	7	4-5			
	Full shade 40 g/Kg NAVY BLUE LB BLU MARINO LB	8	4-5	5	5	5
	Reduction 1/10	7-8	4-5			
	Full shade 40 g/Kg ROYAL BLUE R** BLU ROYAL R	7-8	4-5	5	5	5
	Reduction 1/10	6-7	4-5			
	Full shade 40 g/Kg BLUE B*** BLU B	7-8	4-5	5	4-5	5
	Reduction 1/10	7	4-5			
	Full shade 40 g/Kg BLUE 3G BLU 3G	7-8	5	5	5	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg BLUE LBS BLU LBS	7-8	4-5	5	5	5
	Reduction 1/10	7	4-5			
	Full shade 40 g/Kg BLUE LGS BLU LGS	7-8	4-5	5	5	5
	Reduction 1/10	7	4-5			
	Full shade 40 g/Kg TURQUOISE 4G TURCHESE 4G	7-8	5	5	5	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg GREEN 3GL VERDE 3GL	6-7	4-5	5	3	5
	Reduction 1/10	6	4			

Minerprint® colours Colori Minerprint®

		Artificial light / Xenotest Luce artificiale	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg GREEN B VERDE B	7-8	5	5	5	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg GREEN BBN VERDE BBN	7-8	5	5	4	5
	Reduction 1/10	7	5			
	Full shade 40 g/Kg OLIVE GREEN 2KN VERDE OLIVA 2KN	5-6	4-5	4-5	3	2
	Reduction 1/10	4-5	4			
	Full shade 40 g/Kg BROWN RM BRUNO RM	7-8	5	4-5	4	1
	Reduction 1/10	7	5			
	Full shade 40 g/Kg BROWN RBT N* BRUNO RBT N	6	5	4	2-3	2
	Reduction 1/10	5	4-5			
	Full shade 40 g/Kg BROWN RRT 200% BRUNO RRT 200%	6	4-5	4-5	3-4	3
	Reduction 1/10	5	4-5			
	Full shade 40 g/Kg BROWN MTI BRUNO MTI	6-7	5	5	4	1
	Reduction 1/10	6	4			

- * turns shade with chlorine / vira al cloro
 ** not fast to acids / non resiste agli acidi
 *** selected for the best resistance to heat / selezionati per la migliore resistenza al calore

Minerprint® colours Colori Minerprint®









		Artificial light / Xenotest Luce artificiale	Dry cleaning / Lavaggio a secco Perchloroethylene / Percloroetilene	Chlorine Cloro	PVC coating Plastificazione con PVC	Discharge Corrosione
	Full shade 40 g/Kg BROWN GTM BRUNO GTM	7	5	5	4-5	4-5
	Reduction 1/10	6-7	5			
	Full shade 40 g/Kg DARK BROWN LTT BRUNO SCURO LTT	7-8	4-5	5	4	4-5
	Reduction 1/10	7-8	4-5			
	Full shade 40 g/Kg GREY BT*** GRIGIO BT	7	5	5	5	4
	Reduction 1/10	6-7	4			
	Full shade 60 g/Kg BLACK F*** NERO F	7-8	5	5	5	1
	Reduction 1/10	7	5			
	Full shade 60 g/Kg BLACK B*** NERO B	7-8	5	5	5	1
	Reduction 1/10	7	5			
	Full shade 60 g/Kg BLACK CF*** NERO CF	7-8	5	5	5	1
	Reduction 1/10	7	5			
	Full shade 60 g/Kg BLACK LB NERO LB	7-8	5	5	5	1
	Reduction 1/10	7	5			

Nota: i dati contenuti in questo documento si basano sulle nostre attuali conoscenze ed esperienze, non sono da considerarsi una garanzia, visti i numerosi fattori che possono influenzare il processo e l'applicazione del nostro prodotto. Questi dati non sollevano gli utenti dall'eseguire i propri test preventivi. I colori riportati in questa tabella sono puramente indicativi.



Minerprint® fluorescent colours NFO

Colori fluorescenti Minerprint® NFO

	Full shade 60 g/Kg
	YELLOW FLUO NFO GIALLO FLUO NFO
	Full shade 60 g/Kg
	YELLOW ORANGE FLUO NFO GIALLO ARANCIO FLUO NFO
	Full shade 60 g/Kg
	ORANGE FLUO NFO ARANCIO FLUO NFO
	Full shade 60 g/Kg
	RED FLUO NFO ROSSO FLUO NFO
	Full shade 60 g/Kg
	PINK FLUO NFO ROSA FLUO NFO
	Full shade 60 g/Kg
	CERISE FLUO NFO CERISE FLUO NFO
	Full shade 60 g/Kg
	BLUE FLUO NFO BLU FLUO NFO
	Full shade 60 g/Kg
	GREEN FLUO NFO VERDE FLUO NFO

Eco-friendly recipe

Ricetta ecologica

	FULL SHADE COLORI PIENI	REDUCTION TAGLI
Water Acqua	807 g	862 g
Binder NFO Legante NFO	150 g	100 g
Clear SP4 Clear SP4	28 g	28 g
Fixator NFO Fissatore NFO	15 g	10 g
TOTAL	1000 g	1000 g

Fastness test

Test di solidità

Artificial light Luce artificiale	UNI EN ISO 105-B02
Dry cleaning Lavaggio a secco	UNI EN ISO 105-X05
Chlorine Cloro	UNI EN ISO 20105-N01
PVC coating Plastificazione con PVC	Achitex Minerva method
Discharge Corrosione	Achitex Minerva method

Note: data contained in this document are based on our current knowledge and experience, they are not to be considered a guarantee, considering the numerous factors that can influence the process and application of our product. This data doesn't relieve users from carrying out their own preventive tests. The colours shown in this chart are purely indicative.



ACHITEX MINERVA GROUP
info@achitexminerva.com
www.achitexminerva.com

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015



CERTIFIED MANAGEMENT
SYSTEMS