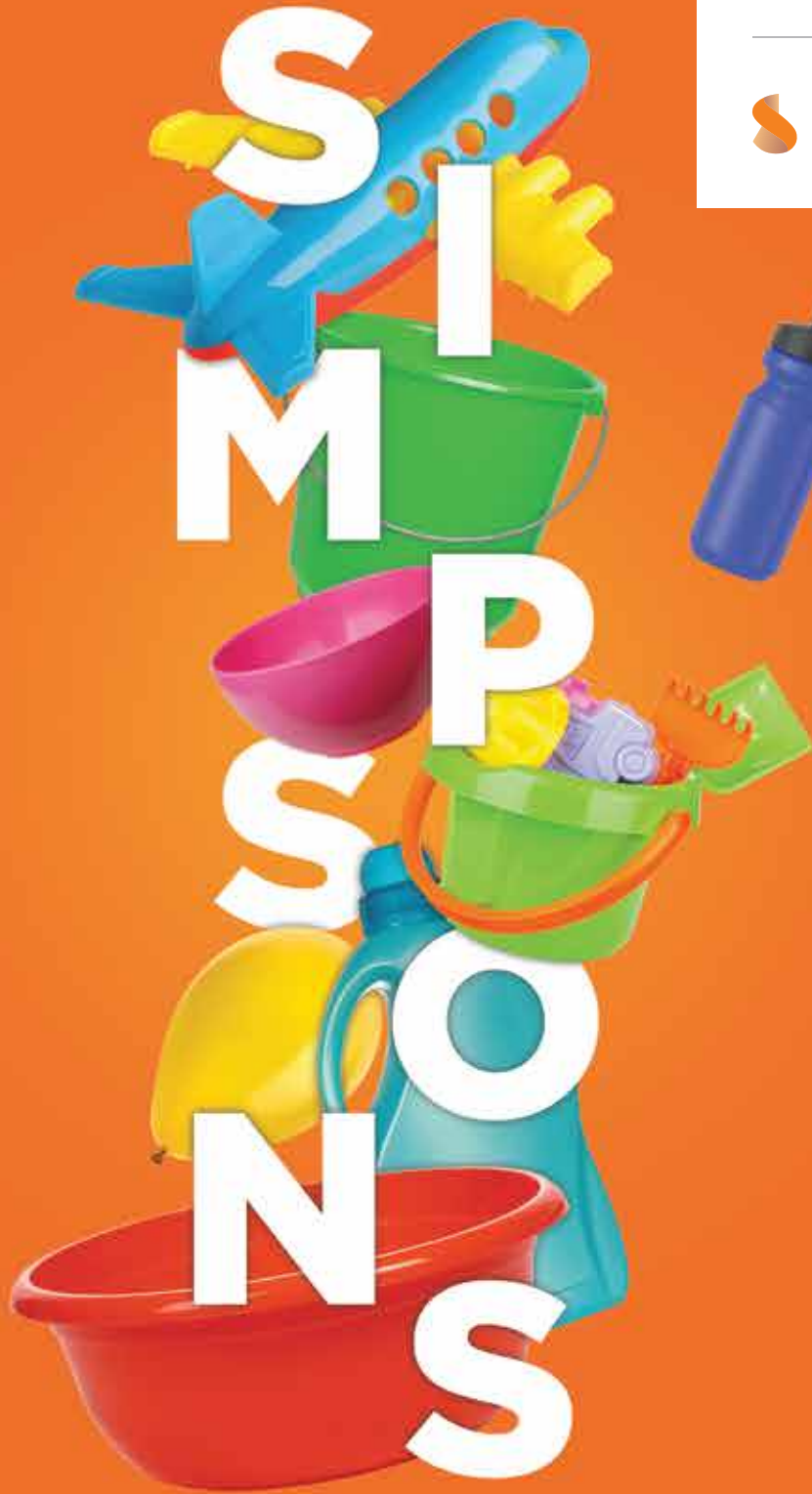




INNOVATING FOR YOU. WITH YOU.



PLASTIC
SIMPSOL SOLVENT DYES



ROHA DAHEJ

ONE OF THE LARGEST PIGMENTS PRODUCTION
FACTORY IN INDIA

Roha Dyechem Pvt. Ltd.

Site Address : Plot No: Z/101, Dahej SEZ - II, Taluka - Vagra,
Dist - Bharuch, Gujarat - 392 130, India.



PARTNERING FOR YOUR SUCCESS

Simpsons is a provider of high-quality dyes and pigments to the industrial sector. Our comprehensive portfolio of colors is primarily applicable to Plastic, Paints, Coating, Ink, Agriculture, Rubber, and Household Goods industries.

We align our expertise with our clients' requirements as we service bulk, semi-bulk, and bespoke orders. We help our customers achieve success by delivering the most suitable, time-efficient and cost-effective color solutions.

We strongly believe that long-term success centers on partnership, where reliability, collaboration, and trust form the core of the relationship. Our expert regulatory compliance team extends support to our clients in the form of information covering all our products and complex legislative compliances.

Our guiding principles are combined in our dual mission: of building Simpsons as a customer-centric brand and maintaining quality and consistency across our dyes and pigments offering.



» **15000 TONNES**
ANNUAL PRODUCTION
CAPACITY

» **PHTHALOCYANINE**
LARGEST FACTORY IN INDIA



VISION

At Roha Simpsons, we believe in attaining global leadership in our product portfolio inspired by the values of our founder. Our thrust is based on a vibrant business strategy for the coming decade. One that is rooted in inspiration, trust and innovation.



VALUES

We shall always maintain high ethics and integrity in the way we work. We will continue to grow closer to our customers, infusing a personal touch and creating a climate of care. We always partner our clients and also deliver specific need-based solutions through our global network of dedicated application laboratories.


























POLICIES

Through advanced research and development, we continuously strive to offer breakthrough technology. We stay ahead by offering superior quality ingredients, manufactured in state-of-the-art facilities. We not only create truly good value for our customers, but also enrich the lives of our employees who we respect as family. As we expand our presence worldwide, we shall continue to give back to society the fruits of our success.

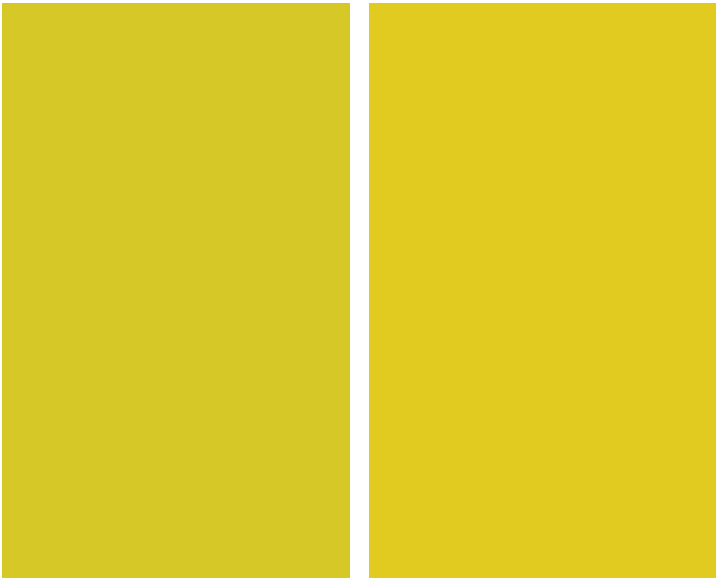


SIMPSOL SOLVENT DYES - PLASTIC MASTERBATCH

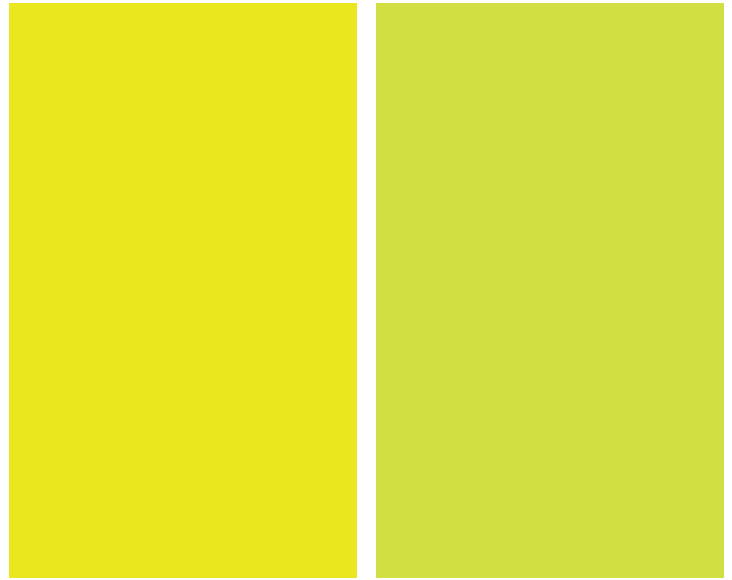
Hue	Product Name	CI Name	CI Number
	SIMPSOL YELLOW IC (SY93)	Solvent Yellow 93	48160
	SIMPSOL YELLOW IH (SY98)	Solvent Yellow 98	56238
	SIMPSOL YELLOW AAD (SY114)	Solvent Yellow 114	47020
	SIMPSOL YELLOW ADA (SY141)	Solvent Yellow 141	~
	SIMPSOL YELLOW AFO.A (SY160.1)	Solvent Yellow 160.1	~
	SIMPSOL YELLOW AFC (SY163)	Solvent Yellow 163	58840
	SIMPSOL ORANGE FO (SO60)	Solvent Orange 60	564100
	SIMPSOL ORANGE FC (SO63)	Solvent Orange 63	68550
	SIMPSOL ORANGE AOE (SO105)	Solvent Orange 105	11227
	SIMPSOL ORANGE AOG (SO107)	Solvent Orange 107	~
	SIMPSOL RED EB (SR52)	Solvent Red 52	68210
	SIMPSOL RED AAA (SR111)	Solvent Red 111	60505
	SIMPSOL RED ACE (SR135)	Solvent Red 135	564120
	SIMPSOL RED AGI (SR179)	Solvent Red 179	564150
	SIMPSOL RED AIE (SR195)	Solvent Red 195	~
	SIMPSOL VIOLET AC (SV13)	Solvent Violet 13	60725
	SIMPSOL VIOLET EI (SV59)	Solvent Violet 59	62025
	SIMPSOL BLUE CE (SB35)	Solvent Blue 35	61554
	SIMPSOL BLUE IG (SB97)	Solvent Blue 97	615290
	SIMPSOL BLUE AOD (SB104)	Solvent Blue 104	61568
	SIMPSOL GREEN C (SG3)	Solvent Green 3	61565
	SIMPSOL GREEN E (SG5)	Solvent Green 5	59075
	SIMPSOL GREEN BH (SG28)	Solvent Green 28	625580



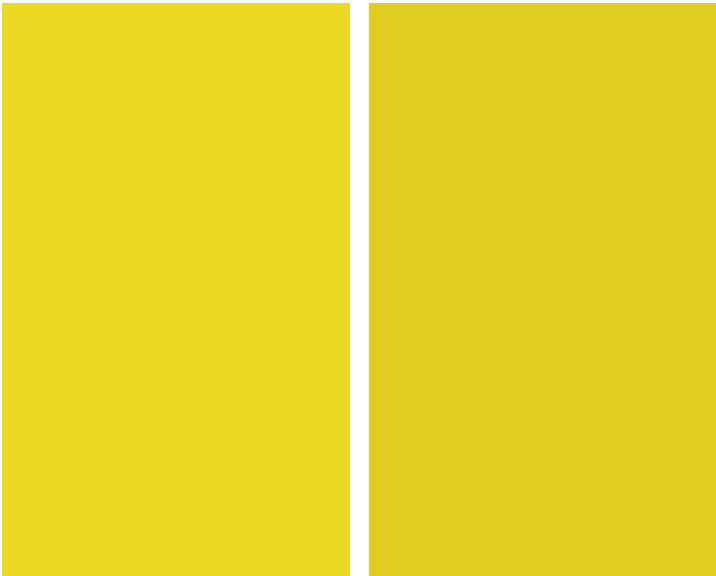
SIMPSOL SOLVENT DYES - PLASTIC MASTERBATCH



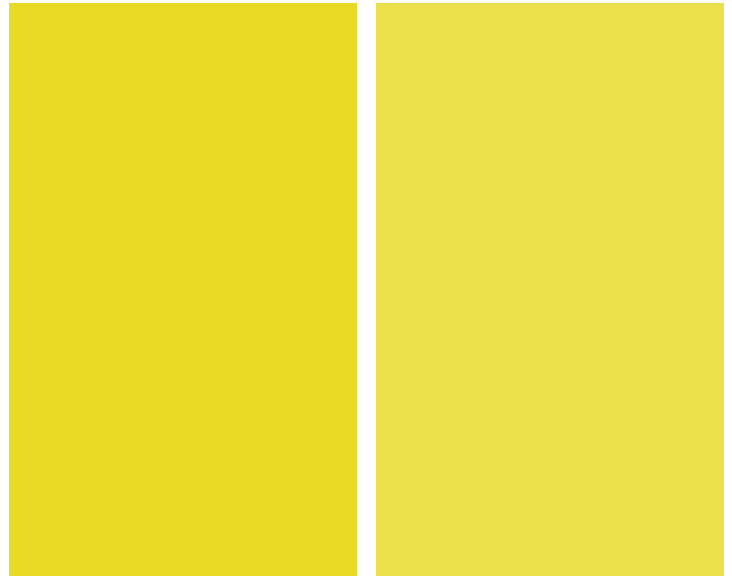
YELLOW IC (SY93)



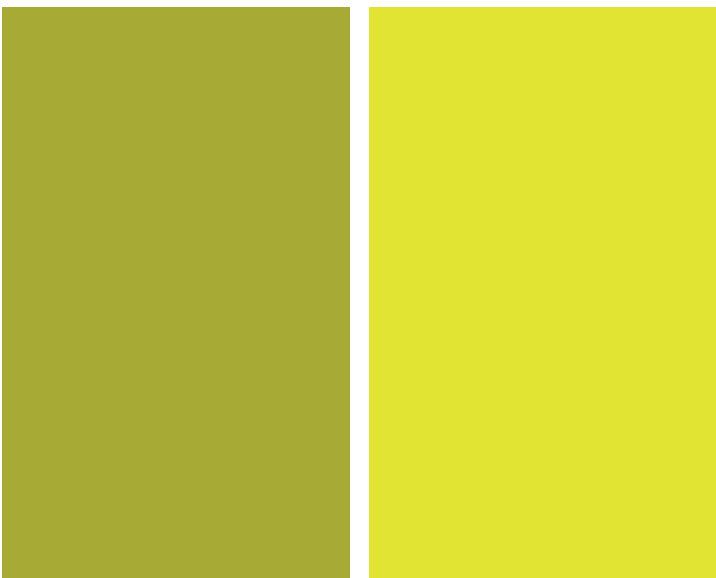
YELLOW IH (SY98)



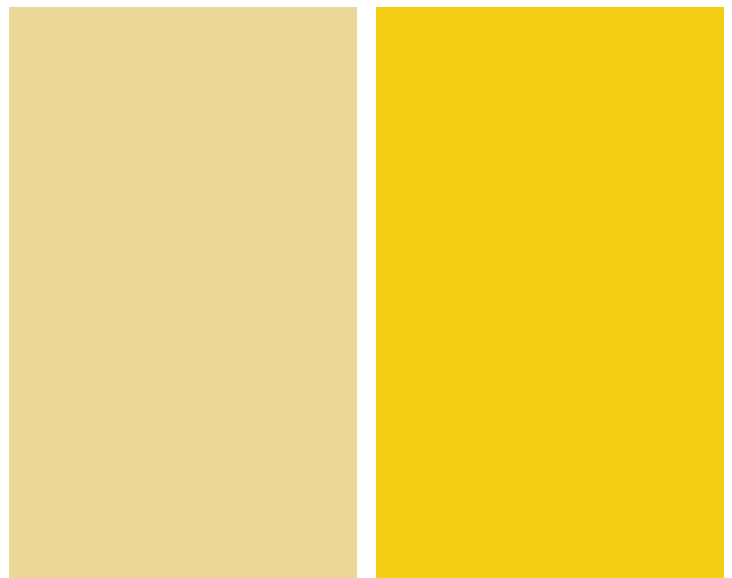
YELLOW AAD (SY114)



YELLOW ADA (SY141)

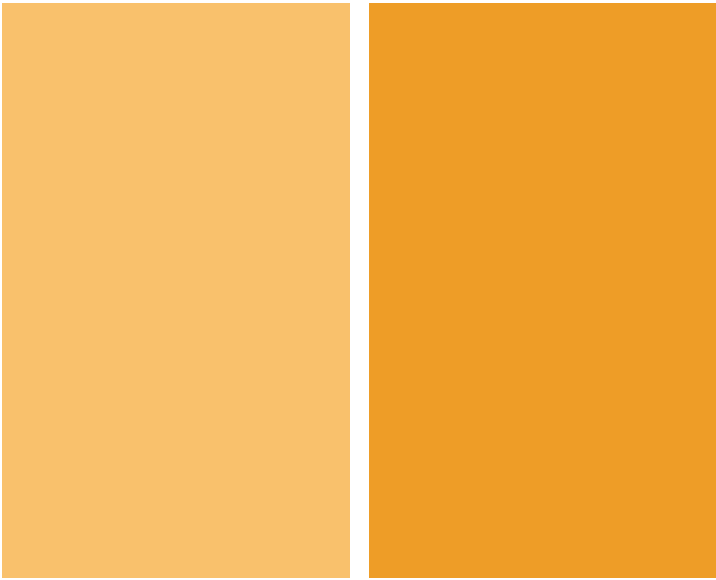


YELLOW AFO.A (SY160.1)

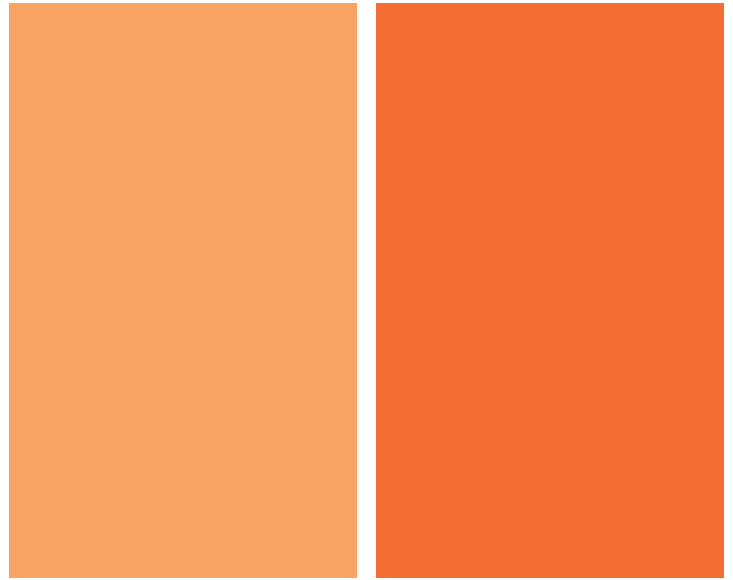


YELLOW AFC (SY163)

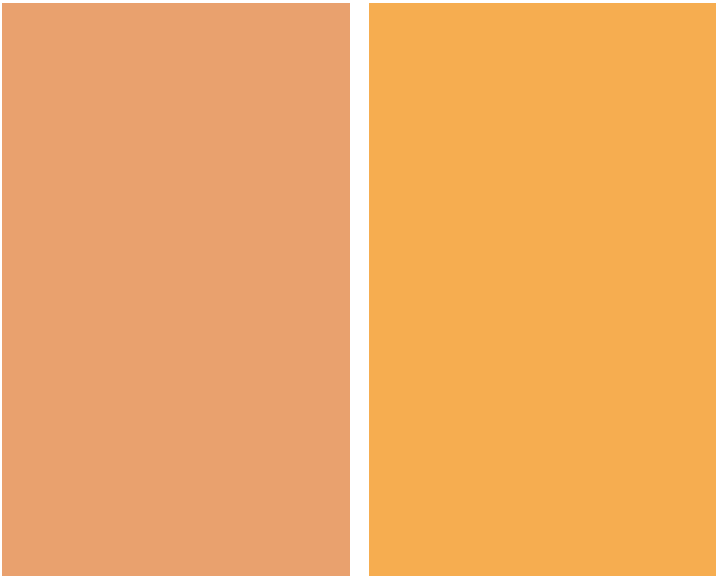
SIMPSOL SOLVENT DYES - PLASTIC MASTERBATCH



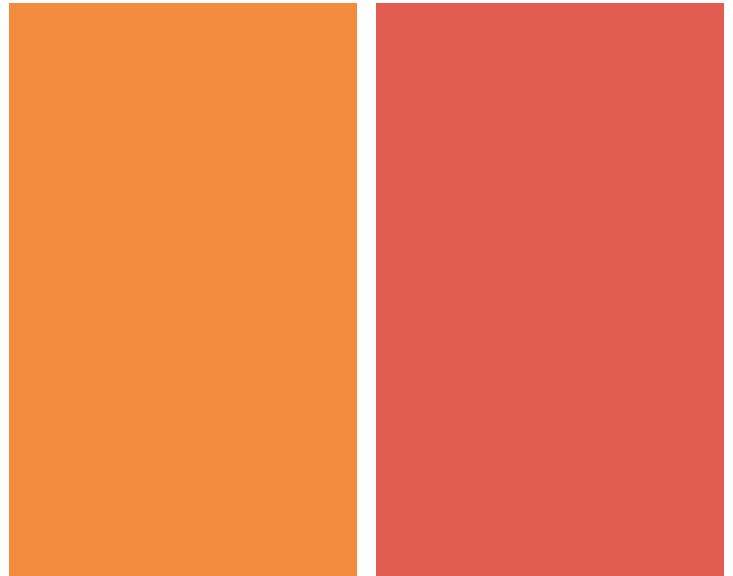
ORANGE FO (SO60)



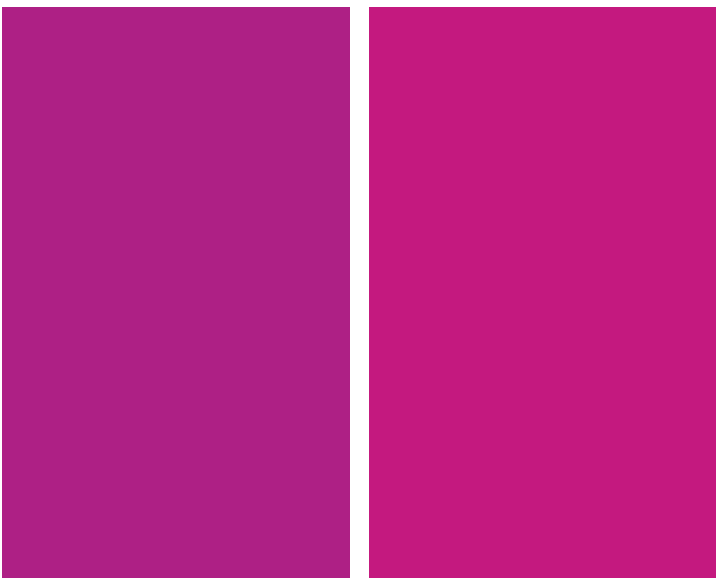
ORANGE FC (SO63)



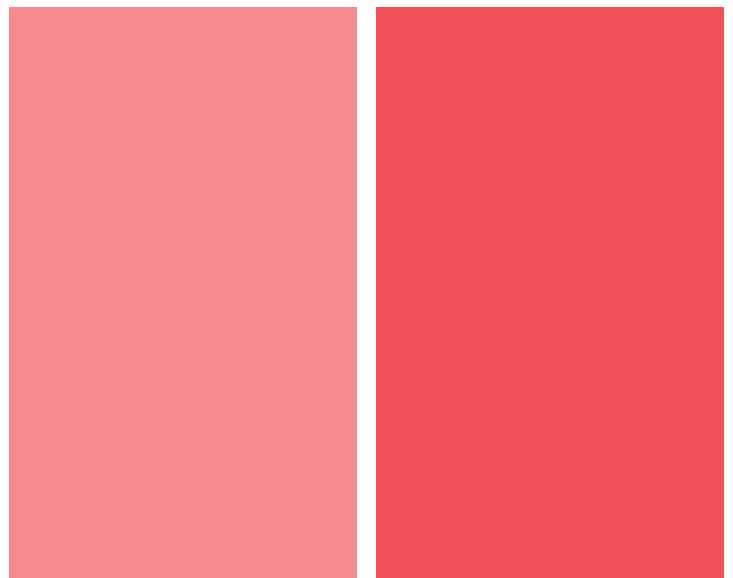
ORANGE AOE (SO105)



ORANGE AOG (SO107)

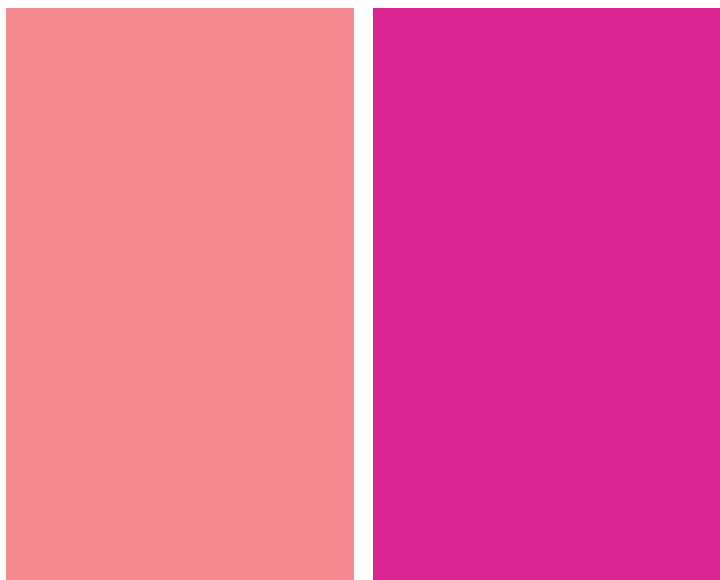


RED EB (SR52)

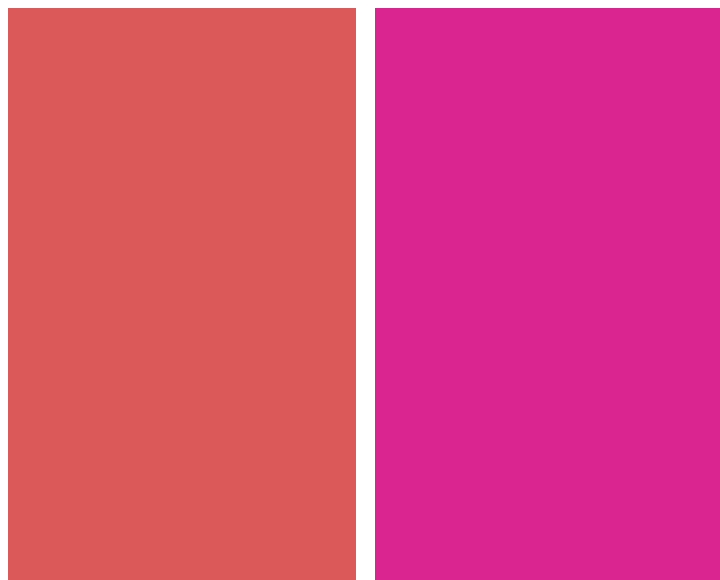


RED AAA (SR111)

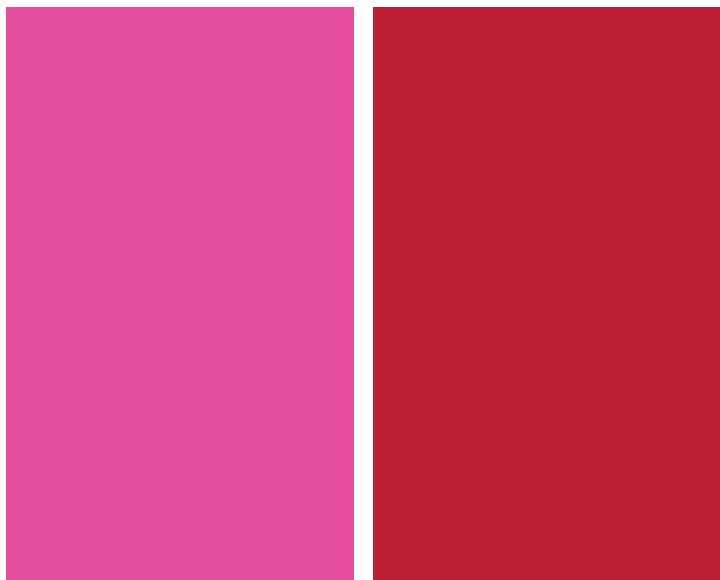
SIMPSOL SOLVENT DYES - PLASTIC MASTERBATCH



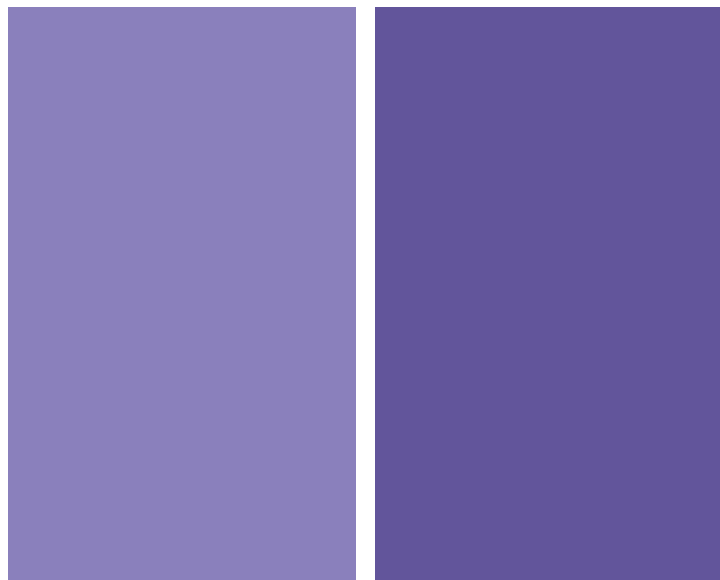
RED ACE (SR135)



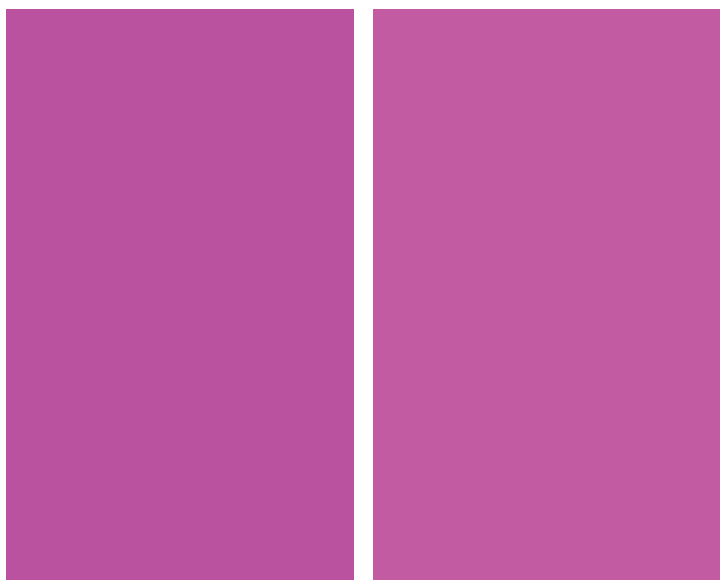
RED AGI (SR179)



RED AIE (SR195)



VIOLET AC (SV13)

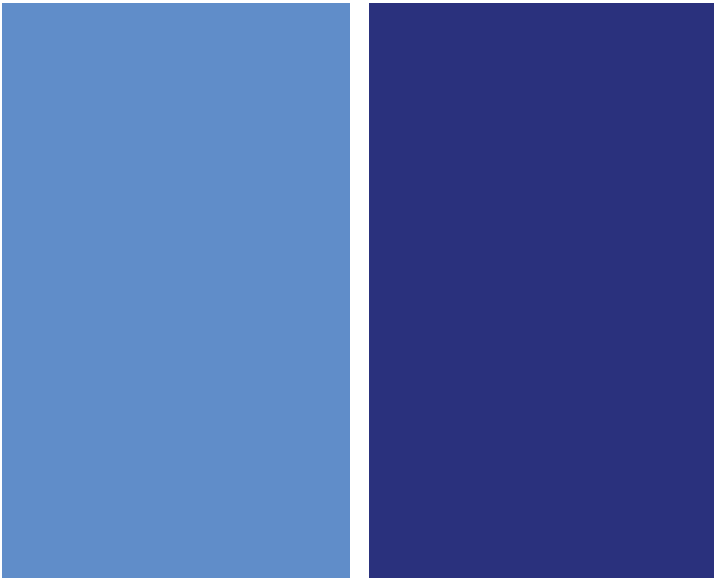


VIOLET EI (SV59)

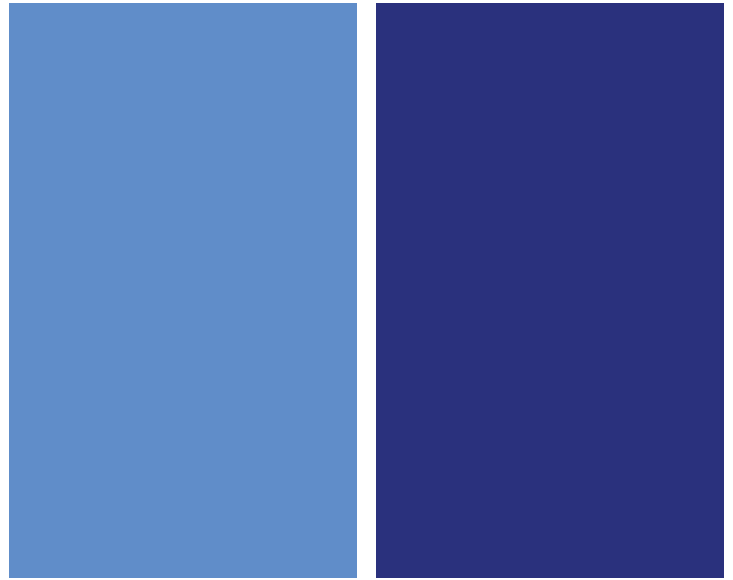


BLUE CE (SB35)

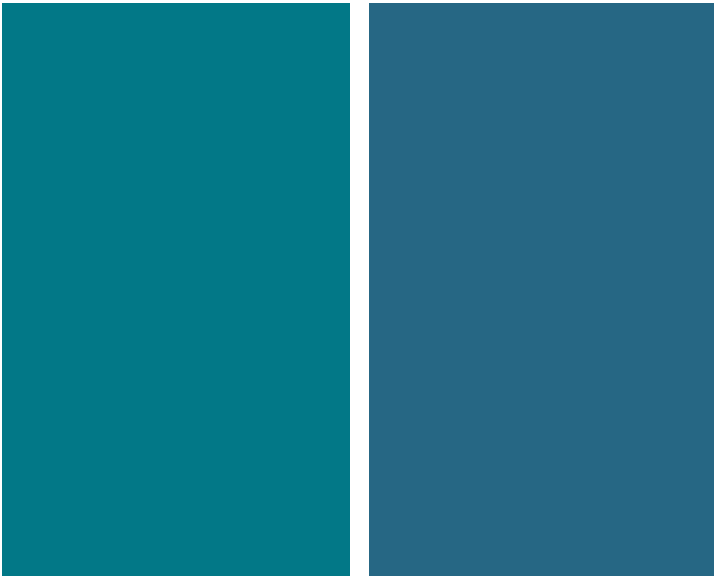
SIMPSOL SOLVENT DYES - PLASTIC MASTERBATCH



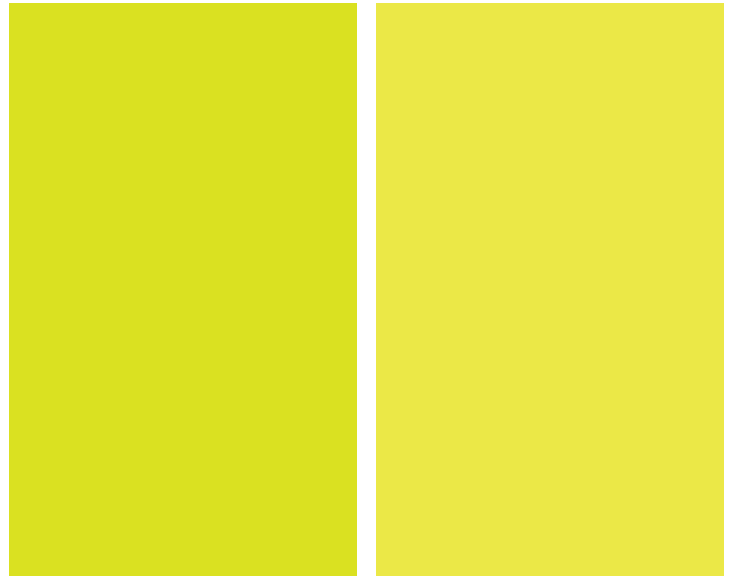
BLUE IG (SB97)



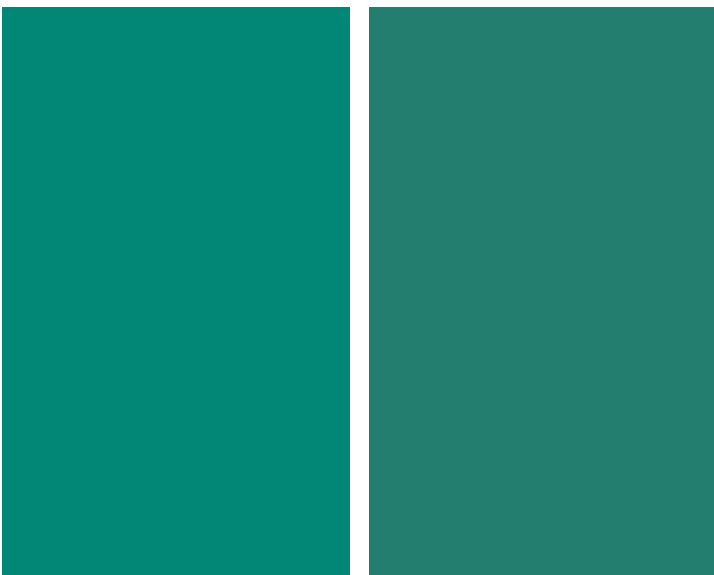
BLUE AOD (SB104)



GREEN C (SG3)



GREEN E (SG5)



GREEN BH (SG28)

DISCLAIMER

The colour shades illustrated within this publication are designed to give general idea of the color characteristics of each product, not a guarantee of how the product will look in a particular formulation. Different viewing monitors and screen resolutions as well as the specific application may give a different variation of the actual color.

QUALITY CONTROL METHOD: TP140

1. Application: Solvent Dyes used in plastics coloration

2. Equipment: Injection Moulding Machine

3. Raw Material:

Solvent Dyes - Laboratory standard sample | Rutile TiO₂ - KEMOX CR-822 | Polystyrene (SC203EL)

4. Procedure

4.1 Premix in Vibro Shaker for 15 minutes

Polystyrene - 200.0 grams | TiO₂ KEMOX CR-822- 1.0 grams | Solvent Dye - 0.1 grams

4.2 Set injection moulding temperature to 230°C -220°C-220°C-210°C.

Put the Premix in the hopper. Set the injection cycle to 20 seconds. Take 8th, 9th and 10th chip for strength measurement. When the hopper is empty, Purge with virgin Polystyrene for fresh batch.

4.3 Specification: Strength =+/- 3 % to consider batch variation

Delta E = 1 unit max.

Measure the plastic chips on the colour eye computer - pass with DE < 1 and strength 100 ± 3%.

EQUIPPED WITH ALL MODERN MACHINERIES

BENCH TOP
HIGH SPEED MIXER



COMPACT FILM
BLOWING LINE



FILTER TEST
MACHINE



PELLETIZER



SINGLE SCREW
EXTRUDER



TWIN ROLL MILL



TWIN SCREW
EXTRUDER



WATER BATH



LABORATORY



Simpson Product Name	PVC-P	PVC-U	LDPE / LLDPE	HDPE	PP	PS	ABS	SAN	PET
YELLOW IC (SY93)	◇	●	-	-	-	●	◇	●	○
YELLOW IH (SY98)	◇	●	-	-	-	-	●	●	●
YELLOW AAD (SY114)	◇	●	-	-	-	●	●	●	●
YELLOW ADA (SY141)	-	-	-	-	-	●	●	●	●
YELLOW AFO.A (SY160.1)	-	-	-	-	-	■	■	■	-
YELLOW AFC (SY163)	○	■	■	■	■	○	○	○	-
ORANGE FO (SO60)	-	■	-	-	-	●	●	●	●
ORANGE FC (SO63)	-	●	-	-	-	■	■	■	●
ORANGE AOE (SO105)	◇	○	-	-	-	-	●	-	-
ORANGE AOG (SO107)	◇	○	-	-	-	■	■	●	■
RED EB (SR52)	◇	●	-	-	-	●	●	●	-
RED AAA (SR111)	◇	●	-	-	-	●	●	●	○
RED ACE (SR135)	◇	●	-	-	-	■	■	■	●
RED AGI (SR179)	◇	●	-	-	-	■	●	●	●
RED AIE (SR195)	◇	●	-	-	-	●	○	●	○
VIOLET AC (SV13)	◇	●	-	-	-	●	●	●	○
VIOLET EI (SV59)	○	●	-	-	-	●	●	●	○
BLUE CE (SB35)	◇	●	-	-	-	■	●	●	-
BLUE IG (SB97)	-	●	-	-	-	■	■	■	●
BLUE AOD (SB104)	-	●	-	-	-	■	■	■	■
GREEN C (SG3)	-	●	-	-	-	■	●	●	●
GREEN E (SG5)	-	●	◇	◇	◇	●	-	●	-
GREEN BH (SG28)	-	●	-	-	-	●	●	●	●

PBT	PC	SB	PA6	POM	PUR	PMMA	RUBBER	TPU	TPO	LIGHT FASTNESS	Heat Resistance (°C)
○	●	-	◇	-	-	●	-	-	-	7 - 8	300
●	●	-	○	-	-	●	-	-	-	6 - 7	300
○	●	-	◇	-	-	●	-	-	-	7 - 8	300
-	○	-	-	-	-	●	-	-	-	6 - 7	260
-	■	-	●	-	-	■	-	-	-	5 - 6	300
◇	◇	-	◇	-	■	◇	-	-	-	7 - 8	260
○	●	-	○	-	-	●	-	-	-	7 - 8	300
●	■	-	○	-	-	■	-	-	-	7	300
-	●	-	-	-	-	●	-	-	-	6 - 7	280
-	●	-	-	-	-	■	-	-	-	7	300
○	●	-	●	-	-	●	-	-	-	7	280
○	●	●	◇	-	-	●	-	-	-	7	300
○	●	-	○	-	-	●	-	-	-	7 - 8	300
●	●	-	●	-	-	●	-	-	-	7	300
-	●	-	◇	-	-	●	-	-	-	7 - 8	280
●	●	-	◇	-	-	●	-	-	-	7 - 8	300
●	●	○	◇	-	-	◇	-	-	-	7 - 8	300
-	●	-	-	-	-	●	-	-	-	5 - 6	280
○	■	-	●	-	-	■	-	-	-	7 - 8	300
●	■	-	○	-	-	■	-	-	-	7 - 8	300
○	●	-	◇	-	-	●	-	-	-	7	300
-	●	-	◇	-	-	●	-	-	-	7	300
●	●	-	◇	-	-	●	-	-	-	7 - 8	300

■ Highly Recommended ● Recommended ○ Limited Suitability ◇ Not Suitable - No Information Available

LOCAL EXPERTISE, GLOBAL DELIVERY

We understand that efficient and accurate processing of sales orders is key to our success in developing customer relations and building new partnerships. We always aim to meet and exceed our customers' expectations.

MANUFACTURE AND STORAGE

Roha Simpsons have warehouse and distribution facilities across our worldwide network of offices.

TRACKING AND BATCH TRACEABILITY

We track all consignments through our freight forwarders and couriers, from manufacturing site to their final destination. Deliveries are recorded by batch on our SAP system to keep accuracy and traceability.

PACKING AND PACKAGING

Products are packed, labelled and shipped in strict accordance with the appropriate regulations ensuring safe transport and delivery of goods. Material Safety Data Sheets accompany all consignments.

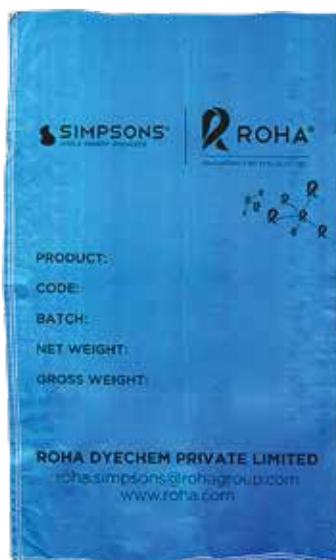
Packing type: Plastic bottle, paper bag, cardboard box and metal and plastic drum.

Packing weight: 0-5kg, 10kg, 25kg, 100kg or according to requirement.

VALUE ADDITION SERVICES

- Bespoke packing and packaging
- Re-packing in small packs and sachets
- Dispersion and pastes
- Color blending (powder and liquid)

WE ARE COMPLIANT TO EUROPEAN PACKAGING



PARTNERS IN QUALITY AND COMPLIANCE

QUALITY ASSURANCE

Our laboratory is fully equipped with state of the art quality control instrumentation operated by a team of qualified chemists/technologists with extensive experience in the color industry. We maintain high quality standards through investment in continuous improvement to quality control processes and product specifications. Each batch produced is strictly controlled for all parameters in our laboratory analysis. Technical services include application support to meet the demands of each industry.

LABORATORY FACILITIES

- X-rite colereye & software
- Perkin Elmer UV-visible spectrophotometer
- Computarized two roll mill with digital control
- Blown film with single screw extruder
- Dispermat basket mill
- Conductivity meter
- pH meter
- Filter Pressure value machine By Dr Coolins
- X-rite light box
- Laser diffraction (particle size analysis)
- Filter pressure value equipment
- Lab size twin screw extruder for master batch
- Copley tap density machine
- Brookfield viscometer/viscosity flow cups
- High performance liquid chromatography

REGULATORY COMPLIANCE

In order to ensure compliance commitments are met according to the latest legislation, the company is continuously investing in comprehensive in-house testing facilities. For our products we provide multilingual global MSDS, product specification and technical data sheet which details the regulatory compliances available and other information such as below:

We can also offer compliance with the following regulations upon specific request:

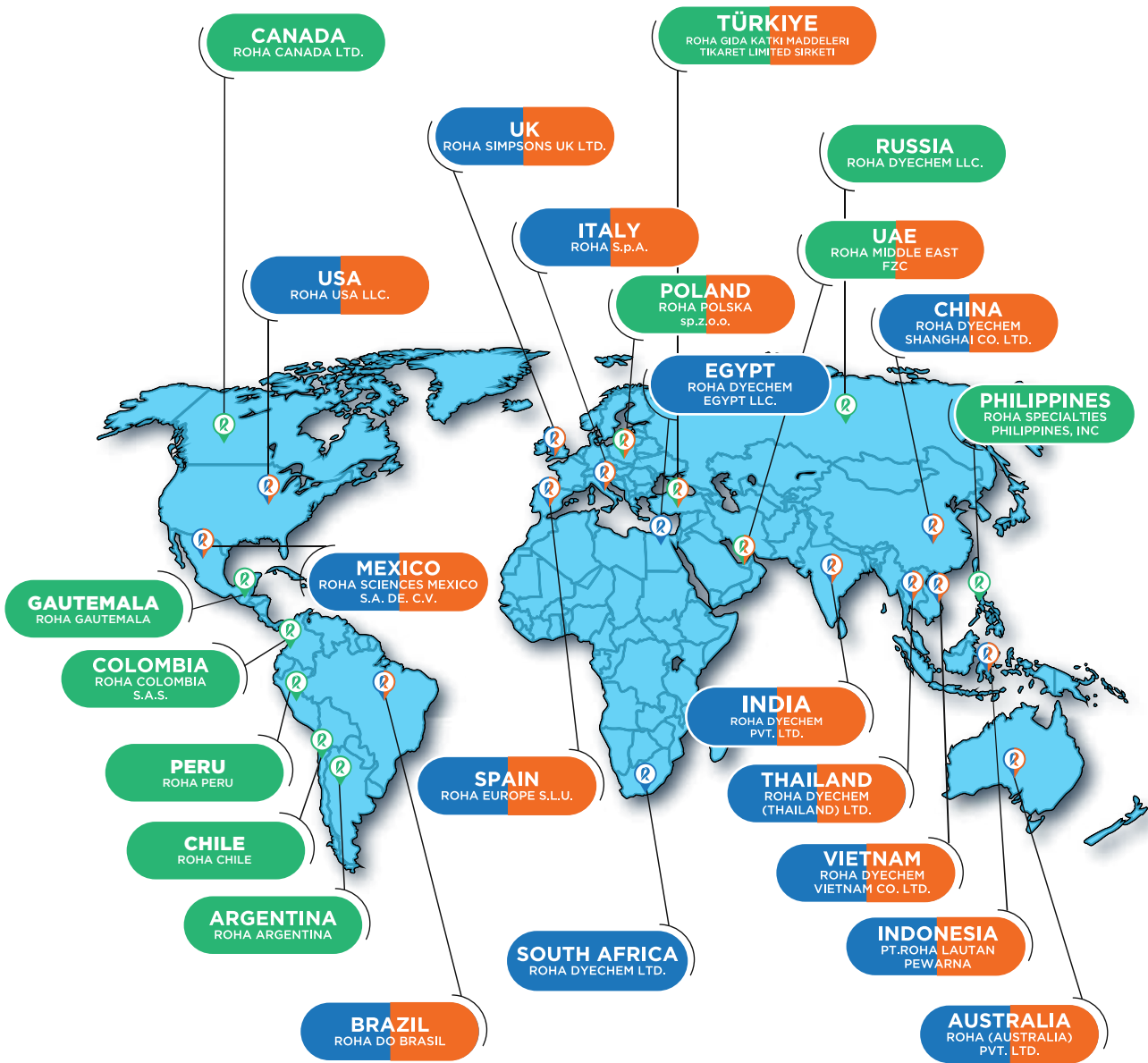
- EU REACH Registration
- Heavy Metal Packaging Waste (94/62/EC)
- AZO dyes - 24 banned amines (2002/61/EC & amendments)
- Global Multilingual EU GHS and GHS MSDS, CLP Regulation compliance - hazardous product labelling
- EU Directive 94/62/EC, CONEG USA - Heavy metals compliance
- RoHS directive
- EU SVHC Candidate list compliance
- EU Toys EN71.3:2019 (2009/48/EC - 19 elements), Category III
- Council of Europe resolution AP89:1 purity criteria for food contact plastic colourants

GLOBAL PRESENCE

Offices in 25 Countries

Manufacturing Units in 14 Countries

Application Labs in 14 Countries



MANUFACTURING, APPLICATION LAB, WAREHOUSE

ROHA SALES OFFICE & WAREHOUSE

SIMPSONS DIVISION

FOOD COLORS



DRIED INGREDIENTS



INDUSTRIAL COLORS

