

NANOPOL®

KİMYA KOMPOZİT VE BOYA SAN. TİC. LTD. ŞTİ.

Product Catalog

Composite and Pigment

Standard and custom color production for polyester, epoxy, polyurethane, acrylic, silicone, and water-based systems

Resin, gelcoat, mold release, and auxiliary materials for composite systems



www.nanopolkimya.com

About Us



Nanopol Kimya was established in Istanbul in 2016. It produces and sells products for the composite industry and other sectors, including pigment paste systems, gelcoats, massive casting resins, flame-retardant resins, mold resins, and mold release agents.

Nanopol Kimya's main business focus is on pigment paste coloring systems, colored gelcoats, mold release agents, and custom product solutions for the composite sector.

Nanopol Kimya also manufactures product groups such as flame-retardant polyester resins, sandable gelcoats, industrial gelcoats, and high-performance gelcoats for sectors including automotive, marine, and construction.

It manufactures high-performance pigment pastes that comply with environmental conditions and regulations, in accordance with standards such as RAL and Pantone.

Nanopol Kimya, in addition to producing high-performance products, offers machinery, consulting, and training services to its customers. Leveraging its extensive knowledge and experience, the company aims to contribute to the development of the composite industry.

Nanopol Kimya is a member of the Composite Industries Association.



Customer Satisfaction

We believe that our customers deserve nothing but the best. We work tirelessly to deliver the finest products. We know that with innovative offerings, our customers can outpace their competitors and grow, and as long as they remain satisfied, our company will continue to thrive.



Quality

Quality is the cornerstone of our business and relationships. The connections we have established with global brands and our customers are built on this foundation. Today, our position as a global player in our dynamic and ever-evolving industry is a testament to that trust.



Research and Development

R&D and new products represent added value for us. We don't merely create value through our products; with our innovative service approach, we aim to set our customers apart. To this end, we challenge ourselves daily and develop innovative solutions that deliver added value.



Environment

The environment is of paramount importance to everyone. To leave a more sustainable future for our children, we consistently adhere to the highest environmental standards. We demonstrate our commitment by making annual donations to foundations working on these issues and by raising awareness.

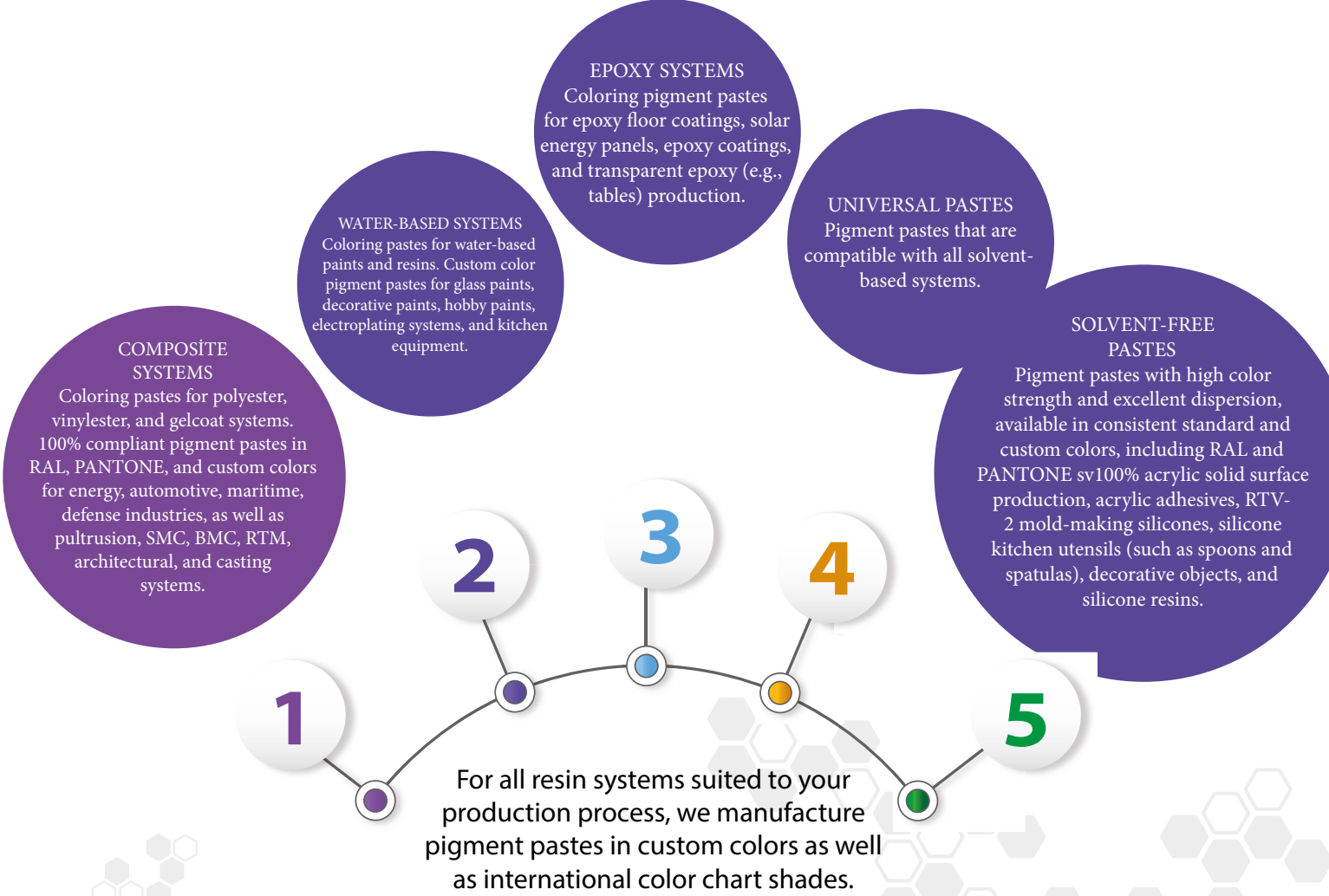


Wide product range.



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At Nanopol Kimya,
we manufacture
for various sectors
with our extensive
product range.



Main Colors

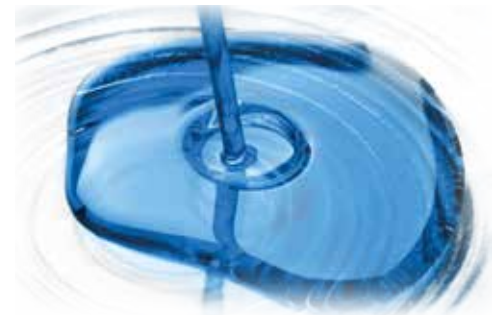
NANOPIGMENT



Covering pigment pastes with inorganic colors.
High color intensity pigment pastes with organic colors.
Transparent colors with high light transmittance
Pigment pastes that can be effectively used in metallic systems.

COLOR PRODUCTION FOR RESIN SYSTEMS.

Based on various color intensity and covering power values, we ensure that the desired colors are achieved, tailored to your production process.



Pigment Pastes

Metallic and Effective Colors

Metallic and pearlescent color pastes are custom produced.

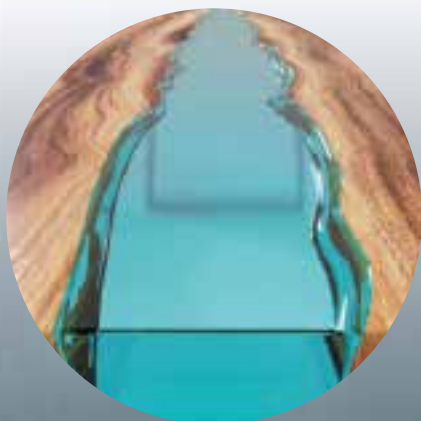
Special Colors

Custom corporate colors that are not available in the RAL and PANTONE charts, or any requested special colors, are reproduced on order to suit the customer's process.



Opaque Colors

These are colors with high covering power. They are custom-designed to meet the desired performance characteristics, such as covering ability, UV resistance, heat resistance, chemical resistance, and being free of other metals.



Fully Transparent Colors

These are special solvent-based color pastes with high tinting strength, allowing transparent colors to be achieved at any ratio in the applied system. Due to their lower lightfastness and heat resistance compared to standard transparent colors, they are primarily preferred for indoor designs



Transparent Colors

Colors with high intensity and brightness ensure a flawless color appearance. They are custom-produced to meet the desired performance characteristics.

Choose Your Color NANOPIGMENT

NR1000 Green Beige	NR-1001 Pale Beige	NR1002 Sand Yellow	NR1003 Signal Yellow	NR1004 Dark Golden Yellow	NR1005 Honey Yellow	NR1006 Maize Yellow	NR1007 Chrome Yellow
NR1011 Brown Beige	NR1012 Lemon Yellow	NR1013 Pearl White	NR1014 Dark Ivory	NR1015 Light Ivory	NR1016 Sulphur Yellow	NR1017 Saffron Yellow	NR1018 Zinc Yellow
NR1019 Grey Beige	NR1020 Olive Yellow	NR1021 Cadmium Yellow	NR1023 Traffic Yellow	NR1024 Ochre Yellow	NR1027 Curry Yellow	NR1028 Mellon Yellow	NR1032 Broom Yellow
NR1033 Dahlia Yellow	NR1034 Pastel Yellow	NR2000 Yellow Orange	NR2001 Red Orange	NR2002 Vermillion	NR2003 Pastel Orange	NR2004 Pure Orange	NR2008 Light Red Orange
NR2009 Traffic Orange	NR2010 Signal Orange	NR2011 Deep Orange	NR2012 Salmon Orange	NR3000 Flame Red	NR3001 Signal Red	NR3002 Carmine Red	NR3003 Ruby Red
NR3004 Purple Red	NR3005 Wine Red	NR3007 Black Red	NR3009 Oxide Red	NR3011 Brown Red	NR3012 Beige Red	NR3013 Tomato Red	NR3014 Antique Pink
NR3015 Light Pink	NR3016 Coral Red	NR3017 Rose	NR3018 Strawberry Red	NR3020 Traffic Red	NR3022 Dark Salmon Red	NR3027 Raspberry Red	NR3031 Orient Red
NR4001 Red Lilac	NR4002 Red Violet	NR4003 Heather Violet	NR4004 Claret Violet	NR4005 Blue Lilac	NR4006 Traffic Purple	NR4007 Purple Violet	NR4008 Signal Violet
NR4009 Pastel Violet	NR4010 Telemagenta	NR5000 Violet Blue	NR5001 Green Blue	NR5002 Ultramarine Blue	NR5003 Dark Sapphire Blue	NR5004 Black Blue	NR5005 Signal Blue
NR5007 Brilliant Blue	NR5008 Grey Blue	NR5009 Light Azure Blue	NR5010 Gentian Blue	NR5011 Steel Blue	NR5012 Light Blue	NR5013 Dark Cobalt Blue	NR5014 Pigeon Blue
NR5015 Middle Sky Blue	NR5017 Traffic Blue	NR5018 Turkish Blue	NR5019 Capri Blue	NR5020 Ocean Blue	NR5021 Water Blue	NR5022 Night Blue	NR5023 Fern Blue
NR5024 Pastel Blue	NR6000 Patina Green	NR6001 Middle Emerald	NR6002 Leaf Green	NR6003 Middle Olive Green	NR6004 Blue Green	NR6005 Light Moss Green	NR6006 Grey Olive
NR6007 Botte Green	NR6008 Brown Green	NR6009 Fir Green	NR6010 Middle Grass Green	NR6011 Reseda Green	NR6012 Black Green	NR6013 Reed Green	NR6014 Yellow Olive
NR6015 Black Olive	NR6016 Turquoise Green	NR6017 May Green	NR6018 Yellow Green	NR6019 Pastel Green	NR6020 Chrome Green	NR6021 Pale Green	NR6022 Brown Olive
NR6024 Traffic Green	NR6025 Bracken Green	NR6026 Opal Green	NR6027 Turkish Green	NR6028 Pine Tree Green	NR6029 Mint Green	NR6032 Signal Green	NR6033 Turquoise Blue
NR6034 Pale Turquoise	NR7000 Dark Squirrel Grey	NR7001 Silver Grey	NR7002 Olive Grey	NR7003 Moss Grey	NR7004 Signal Grey	NR7005 Mouse Grey	NR7006 Beige Grey
NR7008 Khaki Grey	NR7009 Green Grey	NR7010 Tarpaulin Grey	NR7011 Iron Grey	NR7012 Basalt Grey	NR7013 Brown Grey	NR7015 Slate Grey	NR7016 Anthracite Grey
NR7021 Black Grey	NR7022 Umber Grey	NR7023 Concrete Grey	NR7024 Graphite Grey	NR7026 Granite Grey	NR7030 Stone Grey	NR7031 Blue Grey	NR7032 Grey
NR7033 Cement Grey	NR7034 Yellow Grey	NR7035 Pale Grey	NR7036 Platinum Grey	NR7037 Dusty Grey	NR7038 Agate Grey	NR7039 Quartz Grey	NR7040 Window Grey
NR7042 Traffic Grey	NR7043 Traffic Grey B	NR7044 Silky Grey	NR7045 Telegrey 1	NR7046 Telegrey 2	NR7047 Telegrey 4	NR8000 Green Brown	NR8001 Gold Brown
NR8002 Signal Brown	NR8003 Clay Brown	NR8004 Copper Brown	NR8007 Fawn Brown	NR8008 Olive Brown	NR8011 Nut Brown	NR8012 Red Brown	NR8014 Sepia Brown
NR8015 Chestnut Brown	NR8016 Mahogany Brown	NR8017 Chocolate Brown	NR8019 Grey Brown	NR8022 Black Brown	NR8023 Orange Brown	NR8024 Beige Brown	NR8025 Pale Brown
NR8028 Earth Brown	NR9001 Cream	NR9002 Grey White	NR9003 Signal White	NR9004 Signal Black	NR9005 Jet Black	NR9010 Pure White	NR9011 Graphite Blacka
NR9016 Traffic White	NR9017 Traffic Black	NR9018 Papyrus White					

NCS
Natural Color System®

RAL

PANTONE® 

We manufacture custom colors and pigment pastes compatible with international color systems for all types of systems.

Application Areas

- POLYESTER PASTES

(Polyester, Vinilester, Jelkot, Macun sistemlerinde)

- WATER-BASED PASTES

(Decorative Paints, Glass Paints, Electroplating Coatings, Acrylic Hobby Paints, and Coatings)

- EPOXY PASTES

(Epoxy Flooring, Industrial Coatings, Road Marking Paints)

- UNIVERSAL PASTES

(All Solvent-Based Systems)

- SOLVENT-FREE PASTES

(Acrylic, Silicone, PVC, Mastic, Polyurethane, and Synthetic Leather Systems)



Casting Type



Fiber Type



Flame-Retardant Polyester



RTM Polyester



Infusion Polyester



Mold Systems



Back-Coated Acrylic Polyester



SMC / BMC



Chemically Resistant Polyester



Solid Surface Polyester

Gelcoats are generally divided into two types: spray type and brush type. Within these categories, the product group varies based on finish and topcoat applications.

Finish gelcoats, are applied to the mold surface, followed by polyester, vinylester, or epoxy lamination to produce the final part.

Topcoat gelcoats, are applied to the finished composite part like paint and left to cure. After curing, the surface is sanded to achieve a smoother finish, and then polished to obtain the final product.



Типы Гелькоутов	Финишный Гелькоут	Топкоут	Допустима Шлифовка
Прозрачный	✓	✓	
Цветной	✓	✓	✓
Гелькоут с Металлическим Эффектом	✓	✓	✓
Под Напыление	✓	✓	✓
Под Кисть	✓	✓	✓
Требуется Шлифовка		✓	✓

When Choosing Gelcoat...

- Will the application be done using a spray gun or a brush?
- Will it be a finish or a topcoat gelcoat?
- Sandable gelcoats are used for parts that will be painted afterward.
- Sandable gelcoats are available in both spray and brush types.
- In addition to application differences, gelcoats also vary in structural and chemical resistance.
- The Nanojel S Series is designated for spray application, while the Nanojel B Series is designated for brush application.

- Heat and Chemically Resistant Gelcoats
- General-Purpose Gelcoats
- Sandable Gelcoats



Gelcoats and Topcoats

NANOJEL



Гелькоуты Премиум-Класса



Промышленные Гелькоуты



Топкоуты



Гелькоуты под Шлифовку



Гелькоуты Общего Назначения



Цветные Гелькоуты



ГЕЛЬКОУТЫ

ГЕЛЬКОУТЫ ОБЩЕГО НАЗНАЧЕНИЯ

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ	МЕТОД НАНЕСЕНИЯ	ВАРИАНТЫ ЦВЕТА
NANOJEL 600	ORTHO	Стандартное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 708	ORTHO/ISO	Стандартное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *

ПРОМЫШЛЕННЫЕ ГЕЛЬКОУТЫ

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ	МЕТОД НАНЕСЕНИЯ	ВАРИАНТЫ ЦВЕТА
NANOJEL 810	ISO	Конструкционное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 815	ISO/NPG	Конструкционное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *

ГЕЛЬКОУТЫ ПРЕМИУМ-КЛАССА

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ	МЕТОД НАНЕСЕНИЯ	ВАРИАНТЫ ЦВЕТА
NANOJEL 800	ISO/NPG	Высококачественное Декоративное Покрытие	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 818	ISO/NPG	Высококачественный Гелькоут Для Использования на Морских Судах	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 830	ISO/NPG	Высококачественный Гелькоут для Автомобильной Промышленности	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *

ГЕЛЬКОУТЫ ПОД ШЛИФОВКУ

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ	МЕТОД НАНЕСЕНИЯ
NANOJEL 100-Z	ORTHO	Детали, Подвергающиеся Дальнейшей Окраске	S/B *

* МЕТОД НАНЕСЕНИЯ: S: Напыление, R: Валик, B: Кисть

* ВАРИАНТЫ ЦВЕТА: Clear: Şeffaf, Ral: Renkli, Pantone: Renkli, Kurumsal: Özel Renkler

СКЛЕИВАЮЩИЕ ПАСТЫ

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ
NANOTIX TIX	ORTHO	Склеивающая Паста Общего Назначения
NANOTIX ISOTIX	ISO	Эластичная Склеивающая Паста
NANOTIX TX-980	ISO/ELYAF	Конструкционная Склеивающая Паста с Армированием
NANOTIX VE	VE	Высокоэффективная Склеивающая Паста

ТОПКОУТЫ

ОПИСАНИЕ ТОВАРА	ХИМИЧЕСКАЯ СТРУКТУРА	ОБЛАСТИ ПРИМЕНЕНИЯ	МЕТОД НАНЕСЕНИЯ	ВАРИАНТЫ ЦВЕТА
NANOJEL 600	ORTHO	Стандартное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 708	ORTHO/ISO	Стандартное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 810	ISO	Конструкционное Применение	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *
NANOJEL 800	ISO/NPG	Высококачественное Декоративное Покрытие	S/R/B *	ПРОЗРАЧНЫЙ / RAL / PANTONE *

* **МЕТОД НАНЕСЕНИЯ:** S: Напыление, R: Валик, B: Кисть

* **Renk Seçenekleri:** Clear: Şeffaf, Ral: Renkli, Pantone: Renkli, Kurumsal: Özel Renkler



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