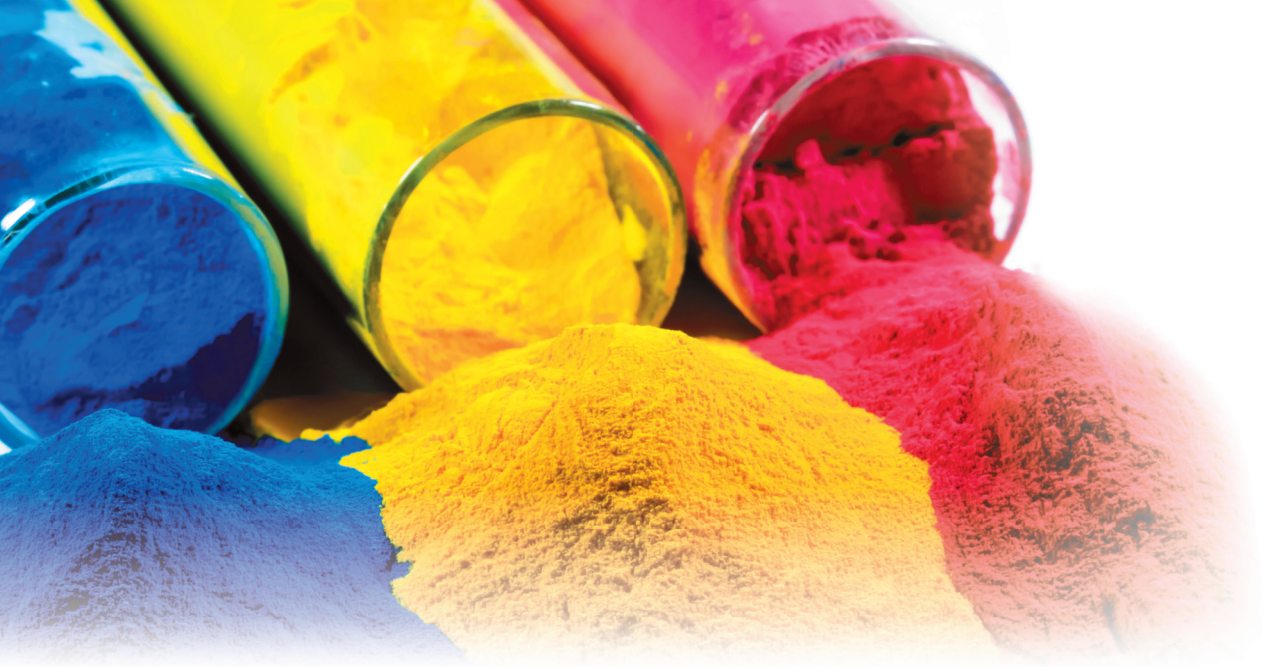
permedia
1895
colors

PIGMENTS



PIGMENTS

Innovations in coloring

The history of the Chemical Company "Permedia" S.A. dates back to the year 1895. The Company is the leading producer and supplier of inorganic pigments in Poland. The production of pigments was implemented in the end of the 1950s. From this date the manufacture of the pigments has been developing by continuous creating of new kinds of products and proving the existed formulas.

Quality is developed by all members of our staff. Quality is the result of current and future customers' requirements and intentions, as well as the capabilities of our company within the framework of legal requirements and the ISO 9001 standard.

Together with products of the highest quality Permedia offers technological support by experienced process engineers, as well as research facilities corresponding to the customers' needs and expectations connected with dyeing processes.

Our products may be used for dyeing: plastics, resins, paints, varnishes, enamels, ceramics and building masses and mixtures. They have almost unlimited possibilities with respect to their application. Their most characteristic features are the following: superior tinctorial strength, maximum resistance to light and atmospheric conditions, high dyeing effectiveness and very good dispersion of the pigment inside the dyed product.

Basic pigments from our portfolio can be divide into four lines:

- Inorganic pigments – OXYPERMS
- Pigment Mixes – MULTIPERMS
- Cadmium Pigments – CADMOPERMS
- Iron Pigments – FERROPERMS, FEROMIX

OXYPERMS

High quality rutile and spinel metal compounds in a powder form. Owing to their intense colour and very high thermal resistance these pigments are widely used in various sectors of industry such as: ceramic production, paints and varnishes industry, as well as the plastic processing industry.

NAME	COLOR INDEX	COLOR		RESISTANCE		COMPOSITION	APPLICATION					
		FULL SHADE	TINT	TEMPERATURE °C	LIGHT FULL SHADE		ENAMEL	CERAMICS	PLASTICS	BUILDING MATERIALS	PAINTS	COATINGS
PE1752	nd			1280	8	Fe-Cr-Zn-Al	●	●	–	–	–	–
PE2513	Black 28			800	8	Cu-Cr-Fe	●	–	○	○	○	○
PE3205	Yellow 159			1280	8	Zr-Si-Pr	●	●	–	–	–	–
PE3200	Yellow184			<200	8	Bi-Va	–	–	●	●	●	●
PE3210	Brown 24			1000	8	Ti-Cr-Sb	●	○	●	●	●	●
PE3312	Yellow 53			1000	8	Ti-Sb-Ni	●	○	●	●	●	●
PE3213	Brown 24			1150	8	Ti-Cr-Sb	●	○	●	●	●	●
PE3219	Brown 24			1000	8	Ti-Cr-Sb	–	–	●	●	●	●
PE4077	nd			1200	8	Zr-Si-Se-Cd	●	●	–	–	–	–
PE6600	Blue 36			1280	8	Cr-Al-Co	●	●	●	●	●	●
PE6605	Blue 36			1280	8	Cr-Al-Co-Ti	●	●	●	●	●	●
PE6614	nd			1150	8	Cr-Ni-Ti-Zn	●	○	●	●	●	●
PE6621	Green 17			1280	8	Cr	●	●	●	●	●	●
PE6623	Green 17			1280	8	Cr	●	●	●	●	●	●
PE6625	Green 50			800	8	Ti-Ni-Co	○	●	●	●	●	●
PE7100	Blue 28			1280	8	Al-Co	●	●	●	●	●	●
PE7101	Blue 28			1280	8	Al-Co	●	●	●	●	●	●
PE7102	Blue 72			1280	8	Al-Co-Zn	●	●	●	●	●	●
PE7105	Blue 36			1280	8	Co-Al-Cr	●	●	●	●	●	●
PE7111	Blue 36			1280	8	Co-Al-Cr	●	●	●	●	●	●

NAME	COLOR INDEX	COLOR		RESISTANCE		COMPOSITION	APPLICATION					
		FULL SHADE	TINT	TEMPERATURE °C	LIGHT FULL SHADE		ENAMEL	CERAMICS	PLASTICS	BUILDING MATERIALS	PAINTS	COATINGS
PE9730	YELLOW119			400	8	Fe-Zn	–	–	●	●	●	●
PE9770	Brown 33			1280	8	Fe-Cr-Zn	●	●	●	●	●	●
PE9780	Brown 33			1280	8	Fe-Cr-Zn-Al	●	●	●	●	●	●
PE9790	Brown 29			1050	8	Fe-Cr	●	○	●	●	●	●
PE9795	BLACK 30			1280	8	Fe-Cr-Ni	●	○	●	●	●	●
PM4407	Red 233			1200	8	Sn-Ca-Ba	●	●	–	–	–	–
PM7133	nd			1280	8	Co-Si	●	●	–	–	–	–

INDEX

●	RECOMMENDED
○	POTENTIAL USE
–	NOT RECOMMENDED

INTERNATIONAL CERTIFICATIONS ISO 9001

CADMOPERMS

Pigments of very intensive colours, characterised by high thermal resistance and excellent resistance to any weather conditions. Application: enamels, plasters, poliamides.

NAME	COLOR INDEX	COLOR		RESISTANCE			APPLICATION		
		FULL SHADE	TINT	TEMPERATURE °C	LIGHT FULL SHADE	LIGHT TINT	ENAMEL	CERAMICS	BUILDING MATERIALS
3301	Yellow 35			840	8	8	●	○	●
3304	Yellow 37			840	8	8	●	○	●
4882	Red 108			840	8	8	●	○	●
4884	Red 108			840	8	8	●	○	●
4887	Red 108			840	8	8	●	○	●
5010	Orange 20			840	8	8	●	○	●

MULTIPERMS

Mixes of inorganic and organic pigments. Produced in a wide array of colours, matched according to the individual needs of a single customer.

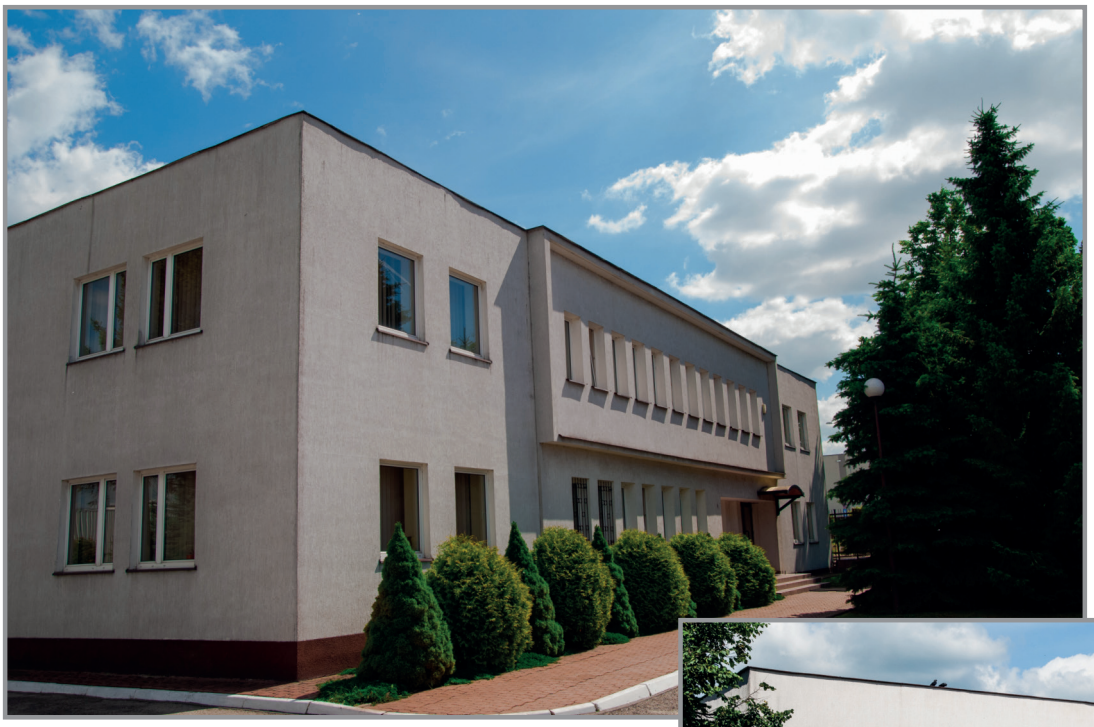
NAME	COLOR		RESISTANCE		APPLICATION		
	FULL SHADE	TINT	TEMPERATURE °C	LIGHT FULL SHADE	BUILDING MATERIALS	PAINTS	COATINGS
MT1004			180	8	●	●	●
MT1003			180	8	●	●	●
MT6162			180	8	●	●	●
MT6163			180	8	●	●	●
MT6165			200	8	●	●	●
MT6164			180	8	●	●	●
MT1588			180	8	●	●	●
MT1590			180	8	●	●	●
MT9422			180	8	○	○	○
MT8402			180	7	●	●	●
MT8403			180	7	●	●	●

*This list contains only examples of pigments selected from the available palette of pigments.

FERROPERMS

Due to their high resistance parameters and low price are the most common pigments used in many branches of industry.

NAME	COLOR		RESISTANCE		APPLICATION		
	FULL SHADE	TINT	TEMPERATURE °C	LIGHT FULL SHADE	BUILDING MATERIALS	PAINTS	COATINGS
PF9037			180	8	●	●	●
PF9131			180	8	●	●	●
PF9033			180	8	●	●	●
PF9030			180	8	●	●	●
FEROPERM 306			180	8	●	●	●



Chemical Company
“Permedia” S.A.
Grenadierów str. 9
20-331 Lublin, Poland

Tel: + 48 81 74 412 71…73
Fax: +48 81 74 403 74
e-mail: info@permedia.pl

www.permedia.pl