

ROWALID
Pigment Preparations



» ROWA GROUP

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ROWA GROUP Pinneberg

ROWALID Pigment Preparations

Color is no longer just a design instrument but an increasingly important marketing instrument. This is especially the case for products made of plastics which are of great importance in nearly all areas of our daily life.



ROWA Lack GmbH has been producing the ROWALID Pigment Preparations since 1970. The ROWALID portfolio presents a wide range of highly concentrated pigment dispersions for use in many different industrial applications. The formulations of these products contain not only different pigments, but also different synthetic resins (PVC and acrylate/PMMA).

Staff, experienced in research and development, modern analytical capacities and manufacturing facilities make ROWA Lack GmbH an efficient and successful partner for all polymer processing companies.

Today ROWA Lack GmbH is a member of the ROWA GROUP, a powerful unit consisting of companies specializing in the manufacture of products for use in the plastics and coating industry. The group is rapidly expanding its activities by exploiting available synergies and encouraging constructive technology transfer.



Properties and Applications

Properties

The properties of these products vary according to the manufacturing process used. The basic aim is to ensure maximum distribution of the ROWALID pigments. The high concentration and fine dispersion of these pigments give the products a wide tolerance spectrum. They have excellent transparency and color intensity. Other properties, such as heat-resistance, fastness to light and solvents and migration can be varied according to the pigment used. Complete stabilization of the plastic carrier ensures that the pigments retain all desired properties.

Applications

Printing ink

The soluble preparations are for use in cases where the pigment's full color intensity is needed and the preparation can be stirred into a single solvent, a solvent mixture or an ink extender without the need for additional mechanical assistance. The resulting solutions are of low viscosity and, consequently, ideal for ensuring high color intensity, transparency and brilliance in gravure and flexographic work. Plastic foil, synthetic leather and PVC surfaces are the recommended substrates for this application.

Thermoplastic mass

ROWALID pigment preparations are also very suitable for applications involving coloring of thermoplastic compounds to obtain maximum color intensity with minimum energy expenditure. Unlike pure pigments which color everything with which they come into contact the coloring properties of ROWALID focus on the plastic that needs to be colored. The positive spin-off here is that mixing equipment stays clean, color changes can be made more frequently and downtime for cleaning is reduced.



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Product Portfolio of ROWALID Pigment Preparations








ROWALID PVC Pigment Preparations

Pigment preparations based on 40-50% single pigment dispersions on a vinyl chloride/acetate co-polymer providing excellent dispersion in a free-flowing, low dusting form.

	Product name	Color index	Pigment Content %
	ROWALID PPW 9	Pigment white 6	70
	ROWALID PPK 168	Pigment black 7	50
	ROWALID PPY 4013	Pigment yellow 93	40
	ROWALID PPY 4018	Pigment yellow 83	46
	ROWALID PPY 4019	Pigment yellow 110	55
	ROWALID PPR 202	Pigment red 166	50
	ROWALID PPR 203	Pigment red 144	40
	ROWALID PPR 2089	Pigment violet 19	50
	ROWALID PPG 652	Pigment green 7	50
	ROWALID PPB 302	Pigment violet 23	50
	ROWALID PPB 304	Pigment blue 15:3	50
	ROWALID PPB 317	Pigment blue 15:1	50

ROWALID PMMA Pigment Preparations

Pigment preparations based on 40-50% single pigment dispersions with excellent fastness properties on an acrylic carrier. They provide optimum pigment dispersion in a free-flowing, low dusting form.

	Product name	Color index	Pigment Content %
	ROWALID PPW 46 ACN	Pigment white 6	75
	ROWALID PPK 1056 ACN	Pigment black 7	45
	ROWALID PPY 4032 ACN	Pigment yellow 83	45
	ROWALID PPY 4038 ACN	Pigment yellow 110	40
	ROWALID PPY 4040 ACN	Pigment yellow 150	40
	ROWALID PPR 2058 ACN	Pigment red 144	40
	ROWALID PPR 2074 ACN	Pigment red 166	40
	ROWALID PPG 4521 ACN	Pigment green 7	50
	ROWALID PPG 641 ACN	Pigment green 19	40
	ROWALID PPB 3003 ACN	Pigment blue 15:1	50
	ROWALID PPB 384 ACN	Pigment blue 15:3	40
	ROWALID PPR 2085 ACN	Pigment violet 19	50