Pigment Red 112 Paste





Pigment Red 112 paste, produced by Cangzhou Xincheng Weiye Chemical Co., Ltd, is a water-based pre-dispersed pigment paste prepared from C.I.12370 as the color powder raw material.

Pigment Red 112 Paste (commonly known as Permanent Red FGR Paste) is a high-performance monoazo organic pigment paste. It is made from high-purity Pigment Red 112 as the core raw material, combined with environmentally friendly dispersing media and additives, and refined through grinding and dispersion.

Pigment red 112 paste features excellent fluidity and dispersion, with no particle clumping, making it a versatile coloring pigment suitable for water-based and some solvent-based systems. It combines stable color performance with environmental attributes and is widely used in industries such as coatings, inks, plastics, textiles, and more.

Pigment Red 112 Paste Product parameters:

» Color Index Number: Pigment Red 112 (CI 12370)

» CAS number: 6535-46-2

» Chemical category: Monoazo organic pigments

» Solid content of pigment: 20% -42% (can be customized with regular specifications of 20% and 42%)

» Product fineness: ? 20 ? m

» Coloring strength: 95% -105% (compared to standard samples)

» Oil absorption: 30-40 g/100g

» Temperature resistance: ? 180 ? (process temperature tolerance)

» Viscosity: Low viscosity, flowable paste



Pigment Red 112 Paste Application:

» **In the field of coatings**, it is widely applicable to various coating systems such as water-based latex paint for interior and exterior walls of buildings, decorative art coatings, industrial protective coatings, automotive repair paints, coil coatings, wood

environmental protection paints, epoxy floor paints, etc. It has uniform and full coloring, strong color stability, and can effectively enhance the decorative and protective properties of coatings, and is suitable for various civil and industrial painting scenes.

» **Ink field:** Suitable for mainstream ink systems such as water-based environmentally friendly ink, solvent based polyurethane ink, offset printing ink, textile printing ink, etc. It can color and print various materials such as paper, plastic film, synthetic fabrics, packaging substrates, etc. The resulting film has bright color, strong adhesion, abrasion resistance, and excellent texture of printed products.

» **Plastic and rubber field:** It can be used for general and engineering plastics such as PVC, PS, PO, ABS, PC, PBT, etc., and is also suitable for overall coloring and surface coloring of various rubber products. The product has excellent high temperature resistance and can withstand high temperature processing techniques such as plastic extrusion, injection molding, and blow molding. During the processing, it does not fade, change color, or migrate, and has high color uniformity.

» Other fields: It can be widely used in textile printing and dyeing, leather spraying and coloring, craft paper coloring, resin crafts, daily plastic products, cultural and educational supplies and other coloring scenes. It is suitable for processing multiple types of substrates, with outstanding cost-effectiveness, and is a highly versatile red coloring auxiliary material.

Our Pigment Paste List

Product Name	Full Shade	Tinting Color	C.I.No	Pigment Content%	Solid Content%	PH Value	Viscosity S(T4)	Acid Resistance	Alkali Resistance	Light Resistance
Yellow CA212			P.Y.12	40	45–50	7–9	15–60	5	5	4
Yellow CA214			P.Y.14	40	45–50	7–9	15–60	4	5	6
Yellow CA283			P.Y.83	40	46–50	7–9	15–60	5	5	6
Orange CA405			P.O.5	35	40–45	7–9	15–60	5	4	5
Orange CA413			P.O.13	35	40–45	7–9	15–60	5	4	5
Red CA327			P.R.170	30	35–40	7–9	15–60	5	5	7
Red CA322			P.R.122	30	35–40	7–9	15–60	5	5	7
Red CA384			P.R.184	35	40–45	7–9	15–60	5	5	5
Red CA422			P.R.22	40	45–50	7–9	15–60	4	2	5
Red CA453			P.R.53:1	35	40–45	7–9	15–60	3	4	4
Red CA457			P.R.57:1	35	40–45	7–9	15–60	4	4	5
Red CA481			P.R.48:1	35	40–45	7–9	15–60	4	4	4
Red CA482			P.R.48:2	35	40–45	7–9	15–60	4	4	4
Red CA483			P.R.48:3	35	40–45	7–9	15–60	5	4	3
Red CA488			P.R.81:3	30	35–40	7–9	15–60	4	3	4
Red CA491			P.R.49:1	35	40–45	7–9	15–60	4	5	4
Red CA492			P.R.49:2	35	40–45	7–9	15–60	4	5	4
Purple CA503			P.V.3	30	35–40	7–9	15–60	5	4	4
Purple CA523			P.V.23	40	45–50	7–9	15–60	5	5	7
Purple CA527			P.V.27	38	43–48	7–9	15–60	5	4	4
Blue CA650			P.B.15	40	45–50	7–9	15–60	5	5	7
Blue CA653			P.B.15:3	45	50–55	7–9	15–60	5	5	7
Green CA870			P.G.7	40	45–50	7–9	15–60	5	5	7
Black CA050			P.BK.7	30	35–40	7–9	15–60	5	5	8
Black CA055			P.BK.7	35	42–45	7–9	15–60	5	5	8
White CA100			P.W.6	60	65–68	7–9	15–60	5	5	8

As largest manufacturer of rhodamine b dye, our color include yellow, red, blue, green, orange and red. Welcome send us inquiry.



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Product link：https://www.xcwydyes.com/pigment-red-112-paste.html