



JIGAR[®]
INDUSTRIES

MFG. & EXPORTER OF COLOUR PIGMENTS

AN ISO 9001:2015 & ISO 14001:2015 CERTIFIED COMPANY

Experience Life With True
Colours

ABOUT JIGAR INDUSTRIES

M/S JIGAR INDUSTRIES located at Plot No. 3709/5 & 3710/2/A, Near New Telephone Exchange, GIDC Estate, Ankleshwar – 393 002, Gujarat, India was established in 1991 with the aim of providing various types of high quality Colour pigments to its valuable customers. At present company is manufacturing & marketing various ranges of AZO RED COLOUR PIGMENTS in India & other major countries.

The company works on the principal of 'Always give better Quality, Quantity & Prompt services with the most competitive Price' to its valuable customers'.

Mr. Pravinbhai Patel is the founder of the company. He is a technocrat & having a very vast experience in this field with master degree in Engineering. At Present his son Mr. Jigar Patel is looking after Total Quality Management of Production with the Bachelor Degree in Chemistry & M. B. A. in Marketing. So there has been superb network infrastructure in technical side & management with trained & skill personal department.

Our Aim is to “Always give competitive price, prompt services & superb Quality along with consistency” to its valuable customers.

INTERNATIONAL BUSINESS, RESEARCH & DEVELOPMENT

Jigar Industries is steadily increasing its Exports in different parts of the globe. The quality and performance of the product are well approved all over India and abroad. We cater the requirements of various uses of Pigments for overseas clients. Such item are procured under our strict supervision with respect to quality, quantity, delivery schedule and we stand full guarantee for the same.

Jigar Industries is known for providing quality products. The consistent quality of JIGAR has made it one of the Market leaders of the business. The Quality of our product is tested at every stage of manufacturing right from testing of raw material to the test of final products and packaging. Our well-equipped control laboratory and qualified technicians are making synergic effect and this effect in turn has resulted in the growth of the company. The company today has all the advanced equipments for its industrial using facility including computer colour matching system in quality control laboratory.

“The accurate sampling and low allowed deviation” is the motto of quality control department. We also emphasis in quality of quantity and that is maintained by our packaging and loading department. We are ready to take up any challenge because it is said that

“There is no finish line for Quality”

QUALITY POLICY

It is the policy of JIGAR INDUSTRIES to manufacture and supply of high Quality AZO RED PIGMENTS to its valuable customers, to their full satisfaction in terms of consistency in quality and timely delivery of required Quantity.

We also commit ourselves to constantly improvising our product quality & responsibility towards Mother Nature by refining our processes and implementing ISO –9001 Quality Management System & ISO -14001 Environment Management System In our organizations.

OUR VISION

Our Vision is to have a global name, Customer delight and human service as our aim. In all activities we seek professional excellence; Ethical means justify our noble ends

OUR MISSION

We shall strive to be a value-based organization seeking professional excellence in all its products, processes and services and creating wealth to serve the society at large.

We the members of JIGAR INDUSTRIES family commit ourselves to revere Environment, Health and Safety principles, uphold the dignity of human beings, nurture team spirit and foster leadership through empowerment.

JIGAR INDUSTRIES is a member of the following organization

- ➔ Chemexil, Bombay
- ➔ Ankleshwar Industries Association, Ankleshwar
- ➔ Bharuch Environmental Infrastructure Limited (BEIL)
- ➔ Gujarat Dyestuffs Manufactures Association, Ahmedabad
- ➔ Federation of Industries & Associations, Ahmedabad
- ➔ Gujarat State Small Industries Federation, Ahmedabad



Testing Methods

Bleeding in solvents

Weigh 0.5g of pigment and 20 ml of solvent in a conical flask. Shake for 30 min. on a flask shaker. Filter the contents through Whatman No. 44 filter paper with Blanc Fixe bed. Observe the color of filtrate and assess the degree of bleeding on 1 to 5 scale.

Scale-1 Considerable bleeding

Scale 5-No bleeding

Resistance to Acid & Alkali

Stir 10g of Pigment and 500 ml of HCl or NaOH (5% in case of organic and 1 % in case of inorganic pigment) in beaker for 1 hour. Filter and wash with water till pH is neutral. Dry in an oven, Mill and mix together with varnish on muller. Assess the shade difference on draw down between treated and untreated Sample on 1 to 5 scale by using blue wool scale.

Scale 1-Considerable discoloration

Scale 5- No discoloration

Fastness to light

Depending on the major end application the product is recommended for i.e. Paint, printing inks, plastics, the light fastness is checked for that end application. The exhibits are exposed in QUV Accelerated Weathering Tester and light fastness is assessed on 1 to 8 scale.

Scale 1-Poor light fastness

scale 8-Excellent light fastness

PAINTS & COATINGS

Fastness to heat

Indicates the maximum recommended temperature, based on 20 minutes stoving in oven

Fastness to overspray

Overspray the full shade specimen with white stoving enamel. Stove at 130 C for 20 minutes. Assess the degree of bleeding on 1 to 5 scale.

Scale 1-Heavy bleeding

Scale 5-No bleeding

PLASTICS

Fastness to heat

The maximum processing temperature is given based on 5 minutes exposure in an injection moulder cavity.

Fastness to Migration


Full shade PVC sheet is placed between 2 pieces of white flexible PVC sheets under a weight of 100 g/cm² for 1 hour at 120°C. Migration is assessed on 1 to 5 scale


Scale 1-Heavy migration

Scale 5-No migration



Registered Office & Factory Address :

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