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WE HELP YOU  
**SHAPE**  
YOUR BUSINESS





# GREAT INITIATIVES ARE BUILT ON STRONG FOUNDATION!

GreenAge Industries have etched their name in the field of development and manufacturing of Rotomoulding Powder/Compounds in blazing fonts. The company was founded in the year 2012. As a subsidiary of 30 year old Umiya Group of Industries which deals in manufacturing and marketing of various dosage forms of plastics packaging products like PET containers (Jars/ Bottles), PP Twins/ Ropes, Kitchenware (Cutlery), Plastic Bags and EPS packaging, Green Age has been able to create its own glowing identity.

GreenAge Industries boasts of niche clientele in a number of leading and prominent companies such as K K Nag Ltd, Astral Polytechnik Ltd, Consta Cool Pvt. Ltd, ITC Ltd (Food Division), Parle Agro, Dabur India Ltd., WaghBakri Tea, etc. We have steered our way up as the first preference of our patrons through outstanding quality, right quantity and punctuality in delivery of our products.

Our adherence to technical details and support while innovating and improvising to expand the range of Rotomoulding materials has carved our name as the industry leader. Our relationship with our customers extends way beyond the sales, in the form of technical support and services.



## VISION

To satisfy material needs of Rotomoulders by providing Innovative Solutions, to shape their desires into reality.

## MISSION

To become 100,000 mt/yr global polymer processing company by year 2026.

# GREAT FUTURE LIES IN GREAT VISION!





# SUCCESS IS ALL ABOUT RIGHT CHOICES!



## LOW INVESTMENT

It cuts down heavily on investment required for hi-tech machines used for Granulation and Pulverising the powder. This paves the way for budding entrepreneurs to venture in rotomoulding in a cost effective manner with low manpower requirements.



## LOW PRICING

We offer a lower price margin of Green Ethene Powder as we procure it through large scale processing. This enables us to leverage on costing, offering quantity discounts from the suppliers.



## HIGH QUALITY

We practise a no tolerance policy in terms of quality. All our products pass stringent quality test following the norms as per IS 12701: 1996 & IS 1014:2001.



## LESS SPACE

Procuring the compound from us relieves the customer from managing inventories leading to less space requirement.





# A COMPANY IS DEFINED BY ITS BRAND

## GreenEthene, The Brand

GreenEthene is the brand name given to our special Rotational Moulding Powder which is designed and formulated for exceptional performance and ease of processing in molding applications.

## Grades of GreenEthene

Grading of GreenEthene powders is based on density, melt flow, impact resistance, rigidity, ESCR (Environmental Stress Crack Resistance), grind type and custom compound colors.

## Characteristics of GreenEthene

GreenEthene contains a premium UV and AO stabilisation package. They are also provided with special internal release agent, enabling molders to omit the usage of externally applied release agent.

## Packaging

Packaging is done in specialized laminated sacks to ensure their damage free and contamination free transportation. Clear labelling of the products along with sample pouches facilitates the customers to keep a record of the delivered batches. No extra price for samples or trials is charged.

## Lead Time Required

Lead Time required for stocked powder is around 3 days and for production is 5 days. Immediate orders for custom color and production can also be carried out on demand.

## Grade List

Grade	Density (gm/cm <sup>3</sup> )	MFI (gm/10 mins)	Tensile Strength (Mpa)	Impact Strength (Kg.cm/cm)	Characteristics	Typical Application
Ge3645	0.936	4.5	18	25	Good stiffness, high processing speed, impact strength & ESCR	General moulding, Medium sized tanks & fuel tanks
Ge3938	0.939	3.8	21	22	Flexible very high ESCR & impact strength	Large tank for water, IBCS, floats and bins
Ge3904	0.939	4	20	50	Hexene Co-polymer based, Excellent Impact Strength with surface finish & fast cycle time	Low temperature service parts, parts that require precise dimension or less tolerance
Ge3804	0.938	4	20	ARM 19	High flow, long durability, fair impact resistance.	General purpose products, drums, container and pallets.



Sample products made from  
customized powder



# EXCELLENCE MEANS INVESTING IN QUALITY

GreenAge believes in providing global quality to our esteemed customers. The complete production procedure comprises of specifications unique to each product. Each batch undergoes stringent checking at every step to get customized according to the requirements of the customers. The batches are based on the original 'Master Standard' approved Compound Powder Sample. Sample pouches from each batch are preserved to maintain a traceable history of deliverables with complete information. Issues arising if any are promptly solved due to our systematic procedure where the root cause of the problems is dealt with efficiently. Quality of our products follows international norms such as IS12701:1996- "Specification For Rotational Moulded Polyethylene Water Storage Tanks" and IS 10141:2001 - "Positive List Of Constituents Of Polyethylene In Contact With Foodstuffs, Pharmaceuticals And Drinking Water."

# INNOVATION IS THE ART OF PASSION

We have a team of expert engineers and technical manpower, efficient and precise in their skills. Our technicians are capable of providing expert solution to all your technical queries. We can update you regarding:

- Suitability and compatibility of a project
- On -site technical assistance and troubleshooting
- Analytical testing
- Joint development projects
- Recommendation and supply of wide range of ancillary products including surface enhancer and mould releasing agents







# GROWTH REQUIRES EXPERT NURTURING

GreenAge boasts of state-of-the-art infrastructure equipped with latest technology and world class Rotomoulding machineries in the enterprising city of Ahmedabad, Gujarat. Our laboratory is endowed with Data Sheet measurement apparatus such as:

1. ARM Impact Strength Tester ( $-40^{\circ}\text{C}$ )
2. Bulk Density Apparatus
3. Melt Flow Index (MFI) Apparatus
4. Environmental Stress Crack Resistance (ESCR) Apparatus
5. Elongation Counter
6. Granulometry Tester (Seive Analyser)





# INVESTING IN TECHNOLOGY KEEPS YOU A STEP AHEAD ALWAYS

We at GreenAge believe in sowing the best to reap excellence. We have equipped ourselves with best machineries available to combat our competitors. Latest High Tech Extruders give superior dispersion of the pigments, rapid change of colors giving consistent quality. Granules are pulverised in high tech PALLMAN Polygrinders to ensure consistent product output in terms of quality.

## PALLMAN Polygrinders

PALLMAN pulverisers are the ultimate solution for critical pulverising requirements. In size reduction technology PALLMAN enjoys a leadership status with numerous patents and inventions. GreenAge utilizes the PALLMAN polygrinders to achieve outstanding quality that is not only consistent but is totally automatic. It has predefined sensors for Temperature, Pressure and Power consumption which register reading and control the system according to preset parameters.

## GREENETHENE™ AND ITS CHARACTERISTICS

GreenEthene brand manufactured by the usage of PALLMAN Polygrinder has following qualities:

### Unanimous Particle Size

GreenEthene powder is pulverised in perfect size which facilitates its easy movement in the processors enabling efficient operation capabilities.

### Weight

GreenEthene powder enables the processors to achieve the weight as per ISI standards.

### Smooth Finish

GreenEthene being unanimous in particle size distribution has few air gaps between them, thereby reducing the creation of Pin Holes on the surface. This results in smooth finishing of the processor surface.

### Low Processing Time

Small mesh size (micron size) and perfectly distributed particle size distribution of the powder significantly lowers the processing time.

