



**Crafting Solutions
in Engineering
Plastics**



ANUTRON[®]

ANUMAN ENGINEERING INDUSTRIES



ABOUT THE COMPANY

Anuman Engineering Industries, is an emerging manufacturing unit backed by a rich six-decade legacy in Engineering Plastics, is a premier destination for Machinable Engineering Plastics. Under the leadership of Manish Maheshwari, a stalwart with over three decades of personal expertise, we specialize in bespoke solutions tailored to diverse applications. Our extensive product portfolio spans Polyamide, Cast Polyamide, Polyacetal, PTFE, PP, HDPE, PVC, UHMWPE, Polycarbonate, and Acrylic offerings. With a knack for crafting custom polymer products like tanks and pipelines precisely to client specifications, we stand out for our excellence in both supply and installation services. Whether it's outfitting hoppers, chutes, or bunkers with polymer liners for seamless material flow or executing on-site installations of tanks, pipelines, or pond linings, our commitment to quality, trust, and service shines through under the esteemed ANUTRON brand. Anuman Engineering Industries is your ultimate destination for comprehensive solutions in Engineering Plastics.

Why choose us :

- One Stop Solution for all your Engineering Plastic Items
- 30 years Experience in the field of Engineering Plastics
- Committed to deliver Quality.
- Not Just Supply but Solution.

ANUTRON-1425: A versatile thermoplastic for mechanical applications, it replaces steel and bronze with its low friction coefficient and high viscosity. The M Grade variant adds Molybdenum Di-Sulphide for improved slip bearing properties and wear resistance. Available in different shapes with machining instructions, it's favored by designers for its durability and low maintenance.



ANUTRON® -1425

WHY YOU SHOULD SPECIFY ANUTRON-1425

- Exceptional wear and abrasion resistance
- Excellent corrosion resistance
- Low weight
- Low coefficient of friction
- Very good toughness and resilience
- Outstanding resistance to repeated impacts
- Low noise factor
- Self lubricating
- Easy machinability

ANUTRON-0314 is a high-performance material offering exceptional wear resistance, tensile strength, and modulus of elasticity. It's chemically resistant and lightweight, easing handling in maintenance. Its machinability makes it ideal for various applications like gears, rollers, and bushings. The Oil Grade variant, with lubricants and additives, provides continuous lubrication, reducing sliding friction and enhancing load-bearing capacity. Available in stock shapes with machining instructions for convenience. seeking durable, low-maintenance solutions.

ANUTRON® -0314



WHY YOU SHOULD SPECIFY ANUTRON-0314

- Exceptional wear and abrasion resistance
- Excellent corrosion resistance
- Low weight
- Low coefficient of friction
- Very good toughness and resilience
- Outstanding resistance to repeated impacts
- Low noise factor
- Self lubricating
- Easy machinability

ANUTRON-1513: Polyacetal (POM) engineered for mechanical applications. High mechanical strength and rigidity with low friction coefficient and excellent wear resistance. Ideal for gears, rollers, bearings, and more. Offers high dimension stability and easy machinability, serving as a cost-effective alternative to metals. Lightweight for easy handling during maintenance.

WHY YOU SHOULD SPECIFY ANUTRON-1513

- High Mechanical Strength
- Low Coefficient of Friction
- Excellent Wear Resistance
- Low Moisture Absorbtion
- Light Weight
- Good Tensile Strength
- Tough & Durable
- Easy Machinability



ANUTRON®-1513

ANUTRON-2108: Ultra High Molecular-weight Polyethylene (UHMWPE) offers unparalleled toughness, abrasion resistance, and stress-crack immunity. With superior lubrication, chemical resistance, and electrical properties, it outperforms carbon steel tenfold in abrasion resistance. FDA-approved for food applications, it excels in noise reduction, shock absorption, and mining chute lining. Its non-stick surface ensures smooth material flow and zero moisture absorption for optimal industrial performance.

ANUTRON®-2108



WHY YOU SHOULD SPECIFY ANUTRON-2108

- Highest impact strength amongst all thermoplastics.
- Unmatched resistance to wear due to abrasion - out lasts stainless steel by a factor of 6 to 1..
- Excellent sound dampening properties - ideal for controlling environmental noise and pollution.
- Resistance to corrosion to all kinds of chemicals.
- Self lubricating.

ANUTRON-0605: Thermoplastic for chemical use, inert and non-toxic. Self-lubricating, resistant to chemicals. Stable properties across temps. High impact, lower tensile and wear resistance. Additives like glass for enhancement. Low friction, wide temp range (-80°C to 250°C). Available in various forms.

WHY YOU SHOULD SPECIFY ANUTRON- 0605

- Not affected by any known solvents
- Zero water absorption
- No common acid or base is absorbed by P.T.F.E. at temperatures upto 250° C (480° F)
- Non-toxic, non ageing and hygienic.
- High dielectric strength
- Low dielectric constant - P.T.F.E. does not alter with frequency or temperature
- Wide temperature range : -80° C to 250° C.
- Excellent machinability to close tolerances



ANUTRON®-0605

ANUTRON-2203: PVC with outstanding chemical resistance. Impervious to a wide range of chemicals including acids, alkalis, and solvents. Self-extinguishing, compliant with international fire standards. Low thermal and electrical conductivity enhance safety. Excellent machinability and weldability for versatile applications. Available in sheets, rods, and fittings for desired shapes.

ANUTRON®-2203



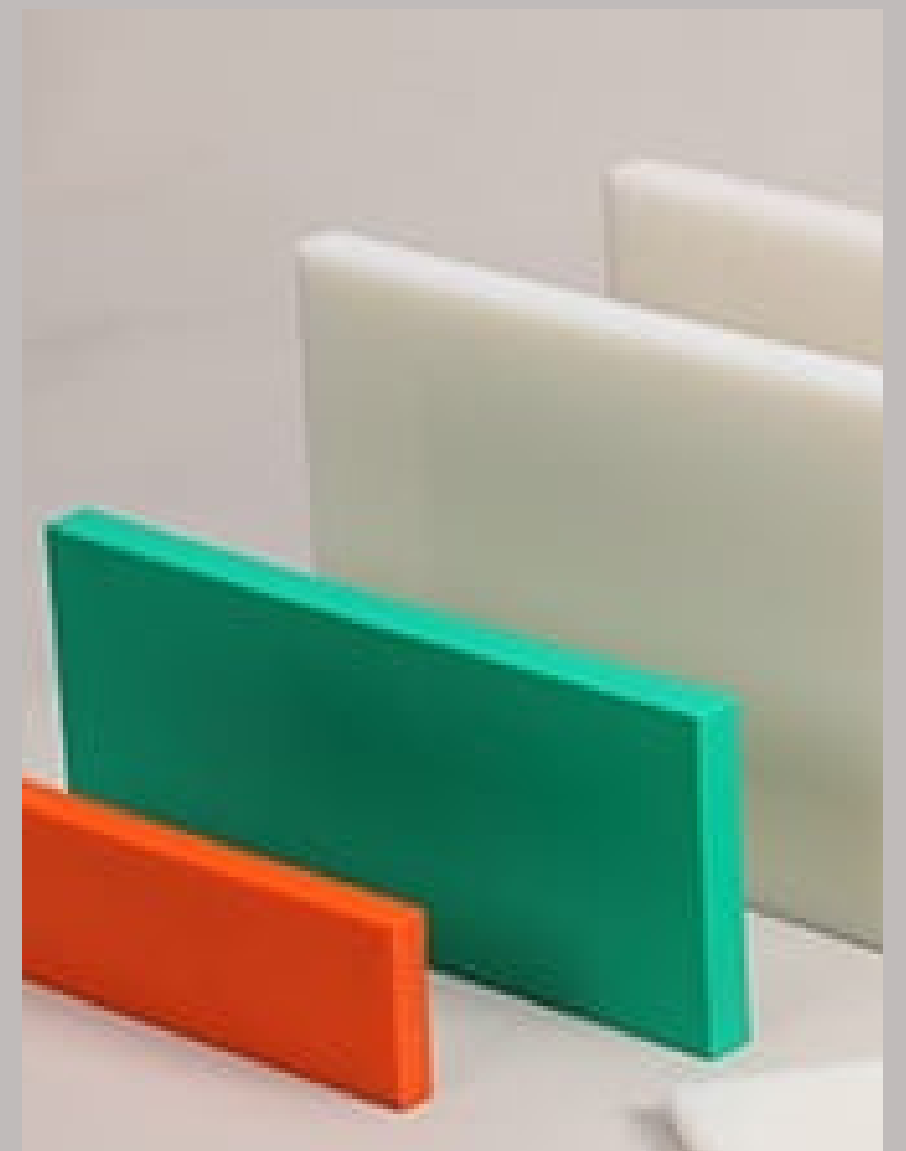
WHY YOU SHOULD SPECIFY ANUTRON- 2203

- Excellent Chemical Resistance
- Excellent corrosion resistance
- Light weight
- Self Extinguishing
- Easy Fabrication (Bending & Forming)
- Impact Resistance
- Thermal & Electrical Insulation
- Excellent Weldability
- Easy Machinability
- Easy Cleaning

ANUTRON-1605: High Density Polyethylene (HDPE) with excellent chemical resistance. Ideal for pipes, fittings, valves, and tanks for chemical transportation and storage. Moisture-resistant with good water vapor barrier, suitable for lining applications. High toughness and stiffness, resistant to stress cracking in organic and industrial settings. Available in basic shapes and as pipes, fittings, and valves.

WHY YOU SHOULD SPECIFY ANUTRON- 1605

- Excellent Chemical Resistance
- Good Electrical Properties
- Light Weight
- Low Coefficient of Friction
- Very Good Toughness and Resilience
- Outstanding Resistance to repeated Impacts
- Low Noise Factor
- Weldability
- Easy Machinability



ANUTRON®-1605

ANUTRON-1616: Versatile polypropylene with excellent chemical resistance. Lightweight yet tough, it's moldable, weldable, and suitable for various fabrication methods. Ideal for processing and storage tanks. Non-toxic and food-grade, it finds applications in food processing, orthoptics, and leather industries. Available in different grades and forms for specific needs, including pipes, fittings, and valves.

ANUTRON®-1616



WHY YOU SHOULD SPECIFY ANUTRON-1616

- Excellent Chemical Resistance
- Excellent Corrosion Resistance
- Light Weight
- Low Coefficient of Friction
- Very Good Toughness and Resilience
- Outstanding Resistance to repeated Impacts
- Low Noise Factor
- Excellent Weldability
- Excellent Weldability

ANUTRON-1621: Polyurethane elastomer with exceptional abrasion resistance and tensile strength for industrial use. Versatile for mechanical, chemical, thermal, and electrical applications. Features high coefficient of friction, good electrical and thermal properties, and resistance to chemicals. Available in various forms and hardness options.



ANUTRON®-1621

WHY YOU SHOULD SPECIFY ANUTRON- 1621

- Exceptional wear and abrasion resistance
- High Impact Strength
- High Elasticity
- Low coefficient of friction
- Wide Resilience
- Excellent Hydrolysis Stability
- Noise & Vibration Dampening
- High Tensile Strength
- Resistance to Grease, Lubricants, Oils and Chemicals

ANUTRON-1612MG: Phenolic laminate with MOS2 and graphite for stripper noses and wipers. Features high compression strength, resilience, and reduced friction coefficient for smooth operation. Suitable for various wear-prone parts. Resistant to solvents, oils, and fuels. Ideal for hot strip mills to prevent flooding and deflect workpieces. Stripper nose and wiper engage work rolls effectively, requiring minimal maintenance and reducing roll breakage risk.

ANUTRON®-1612MG



WHY YOU SHOULD SPECIFY ANUTRON-1612MG

- Exceptional wear and abrasion resistance
- High Impact Strength
- Excellent Mechanical Properties
- Low coefficient of friction
- High Creep Resistance
- High Operating Temperature
- Noise & Vibration Absorption
- High Tensile Strength



ANUTRON[®]

Get In Touch

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