

Type II Urea

Technical Data Sheet

11/2024

📦 Type II Urea

Type II urea is a highly effective plastic abrasive designed for stripping paint, light deburring, rust removal, anti-corrosion coating treatment, and surface cleaning of soft and thin metals, making them an ideal alternative to chemical stripping.

- Made of 100% recycled materials, safer and environment-friendly.
- Contains no toxic ingredients, simple waste disposal.
- Low dust, no residue, suitable for areas with high purity requirements.
- Slow abrasive loss, multiple uses, and reduced costs.
- Better impact absorption and reduced surface microcracks.
- Meets MIL-P-85891A certification and meets strict military and industrial standards.

📄 DESIGNATION AND AVAILABLE SIZES

70 – 140 mesh	60–80 mesh	40–60 mesh	30–60 mesh	30–40 mesh	20–40 mesh
20–30 mesh	16–20 mesh	12–20 mesh	12–16 mesh	8–16 mesh	6–16 mesh

🔍 PHYSICAL PROPERTIES

	Numerical Value
Texture of Material	Urea+antistatic
Grain Shape	Irregular Triangle
Particle Color	White or Multicolor Blending
PH Value	4–8
Barcol Hardness	54–62
Mohs Hardness	3.5
Ash Content	<2%
Specific Weight	1.45–1.52
Density	700–800
Ignition Temperature	>500°C
Weak Acids and Lyes	Resistant
Strong Acids and Lyes	Not Resistant
Organic Solvents	Resistant

🔧 MAIN APPLICATIONS

- Maintenance, Repair, and Overhaul (MRO) of aircraft components;
- Wet and dry sandblasting for deburring and surface preparation;
- Paint removal/repair;
- Paint stripping on aluminum fiberglass and dense hardwood hulls;
- Removal of corrosion protection coatings, paints, oils, waxes, sealants, hydrocarbon deposits, and adhesives.



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📦 PACKAGING

- 25kg PE bag + box + pallet
- Larger size bags available upon request