

Polyamide Nylon Media-PA6

Technical Data Sheet

11/2024

📦 Polyamide Nylon Media-PA6

Polyamide Nylon Media-PA6 are cylindrical sandblasting particles made of polyamide monofilaments, available in various colors. Mainly used to remove burrs on plastics, rubber, or composite materials, while taking into account flexibility.

- High elasticity, gentle action on sensitive workpieces.
- Lightweight, easy to transport, and reduce equipment wear.
- Strong impact resistance, reusable, and not easy to break.
- Excellent chemical resistance, especially oil resistance.
- High thermal stability, adaptable to various temperature environments.
- No color contamination when sandblasting parts of different colors.
- Less dust, eliminating the expensive rework process after cleaning.
- Certified with ISO9001:2015 and ISO14001 standards.

📄 DESIGNATION AND AVAILABLE SIZES

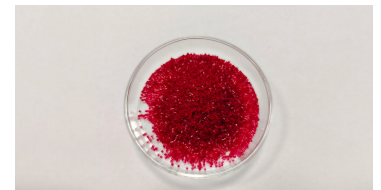
Part Designation	Color	Inches	Millimeters	Part Designation	Color	Inches	Millimeters
		Length X Diagonal	Length X Diagonal			Length X Diagonal	Length X Diagonal
PA-20	Red/Natural	.020 cube x .035	0.50 cube x .87	PA-50	Red Only	.050 cube x .087	1.27 cube x 2.20
PA-30	Red/Natural	.030 cube x .052	0.75 cube x 1.30	PA-60	Red/Natural	.060 cube x .104	1.5 cube x 2.60
PA-40	Red/Natural	.040 cube x .069	1.0 cube x 1.73	PA-70	Natural Only	.070 cube x .122	1.78 cube x 3.08

🔍 PHYSICAL PROPERTIES

	Numerical Value
Texture of Material	Polyamide 6+antistatic
Grain Shape	Cylindrical/Hexahedral
Particle Color	Translucent Milky White/Yellow/Red/ Green
True Specific Gravity	1.461-1.53
Bulk Density	0.93-0.96g/cm ³
Stretching Force	750kg/cm ²
Bending Stress	1000kg/cm ²
Water Absorption Rate 23°C	1.8
Molding Shrinkage Rate	1.2-1.5
Surface Resistivity	<109
HDT	205°C
Melting Point	220°C
Smell	Odorless
Iron Content	0.05
Density	1.13g/cm ³

🔧 MAIN APPLICATIONS

- Remove burrs from rubber, plastic, and other thermoset parts;
- Effective cleaning of chrome injection molds, and steel or aluminum molds;
- Cleaning and decorative finishing of electronic housings;
- Cleaning of composite or FRP parts in preparation for subsequent coating.



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📦 PACKAGING

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