



LiteBlast™ Deflash Media

PA, PB & PC

Product Description and Technical Data:

LiteBlast™ PA is a cubic shaped plastic media, which can be used for both normal and cryogenic applications.

LiteBlast™ PA is extensively used for mould cleaning, deflashing thermoset plastics and aesthetic parts. It is also used in aeronautical industries for cleaning intricate and dimension sensitive components.

LiteBlast™ PB is the smallest sized non-abrasive plastic blasting media available. LiteBlast™ PB is ideally suited for deflashing delicate and complicated shaped moulded rubber and plastic components. LiteBlast™ PB is non-toxic and it doesn't leave any post blast residue.

LiteBlast™ PC is a special purpose cryogenic blasting media stable even at very low temperatures. LiteBlast™ PC is extensively used in high speed wheel blast machines for deflashing rubber components like o-rings, bushing, oil seals, gaskets, syringe stoppers, spark plug boots etc.

LiteBlast™ PC is long lasting, non toxic and non-damaging to both the part that is being deflashed and the blasting equipment. It is also very widely used for deflashing thermoset plastic parts and machined intricate diecast components.

LiteBlast™ Abrasive Properties:

Type	PA	PB	PC
Chemical Material	Polyamide / Nylon	Polystyrene	Polycarbonate
Unique Property	Stable at Cryogenic Temperatures and Non Abrasive	Non Abrasive	High Density and Stable at Cryogenic Temperatures
Media Form / Shape	Cubical	Spherical	Cylindrical



PA - Polyamide/Nylon

- Cubical or cylindrical engineered plastic
- Thermoset appearance part deflashing
- Machined die-cast deburring



PB - Polystyrene Bead

- Spherical engineered plastic
- Soft / delicate cryogenic option
- Sensitive rubber and plastic parts
- Electronics deflashing



PC - Polycarbonate

- Cylindrical engineered plastic
- Thermoset-part deflashing
- Machined die-cast deburring
- Multiple nominal sizes



KG - Cryogenic Cyl. Polycarbonate

- Cylindrical, white / opaque
- Rubber-part deflashing
- Low-temperature / high-RPM shot blast



KC - Cryogenic Cubical Polycarbonate

- Cubical, translucent
- Rubber-part deflashing
- Low-temperature / high-RPM shot blast



LiteBlast™ Deflash Media

LiteBlast™ PA — Polyamide/Nylon Cubical

Grade	Shape	Inches (cube × diagonal)	Millimeters (cube × diagonal)
PA-075	Cubical	.030 × .052	0.75 × 1.30
PA-100	Cubical	.040 × .069	1.00 × 1.73
PA-120	Cubical	.047 × .081	1.20 × 2.08
PA-150	Cubical	.060 × .104	1.50 × 2.60
PA-200	Cubical	.079 × .137	2.00 × 3.46

LiteBlast™ PA — Polyamide/Nylon Cylindrical

Grade	Shape	Inches (L × W × diagonal)	Millimeters (L × W × diagonal)
PA-030	Cylindrical	.030 × .030 × .042	0.76 × 0.76 × 1.07
PA-040	Cylindrical	.040 × .040 × .056	1.00 × 1.00 × 1.41
PA-050	Cylindrical	.050 × .050 × .070	1.27 × 1.27 × 1.78

PA is the Pan-facing family covering both cubical and cylindrical polyamide/nylon grades.

LiteBlast™ PC — Polycarbonate Cylindrical

Grade	Inches (L × W × diagonal)	Millimeters (L × W × diagonal)
PC-60	.060 × .060 × .085	1.52 × 1.52 × 2.15
PC-45	.045 × .045 × .063	1.14 × 1.14 × 1.61
PC-30	.030 × .030 × .042	0.76 × 0.76 × 1.07
PC-25	.025 × .025 × .035	0.625 × 0.625 × 0.875
PC-20	.020 × .020 × .028	0.50 × 0.50 × 0.72

LiteBlast™ PB — Spherical Polystyrene

Grade	Sieve size	Inches	Millimeters
PB-1	18/30	.039 / .024	0.99 / 0.61
PB-2	30/45	.024 / .014	0.61 / 0.36
PB-2.5	35/45	.020 / .014	0.50 / 0.36
PB-3	45/100	.014 / .006	0.36 / 0.15
PB-4	60/100	.010 / .006	0.25 / 0.15