

Deflashing Plastic



Description

Deflashing Plastic is a non aggressive thermoplastic extrusion plastic abrasive for use in applications where the underlying substrate cannot be damaged. Deflashing Plastic is used for cleaning, deburring and deflashing.

Deflashing Plastic is made from two types of plastic, polycarbonate and polyimide nylon. Cylindrical and cubed particle shapes are available. A range of sizes permits effective surface treatment to the parts without damage to the substrate surface.

Applications

Deflashing and deburring of moulded thermoset plastic and rubber parts without damage to the final products surface. Ambient and cryogenic deflashing.

Deburring of machined and die cast parts manufactured from soft materials ie, aluminium, zinc, composites etc.

Cleaning unwanted deposits from moulds, dies, tooling and injection screws etc without damage to the part. Fast one step cleaning operation generating no waste.

Size Details

Polycarbonate Cylindrical

Grade	20	30	40	45	60	80
Size in inch	.020 x .020	.030 x .030	.040 x .040	.045 x .045	.060 x .060	.080 x .080
Size in mm	0.5 x 0.5	0.75 x 0.75	1.0 x 1.0	1.14 x 1.14	1.5 x 1.5	2.0 x 2.0

Polycarbonate Cubical

Grade	30	40	60
Size in inch	.030 x .030	.040 x .040	.060 x .060
Size in mm	0.75 x 0.75	1.0 x 1.0	1.5 x 1.5

Polymide Nylon Cylindrical & Cubical

Grade	30	40	60
Size in inch	.030 x .030	.040 x .040	.060 x .060
Size in mm	0.75 x 0.75	1.0 x 1.0	1.5 x 1.5

Physical Properties

Type	Specific Gravity	Bulk Density	Colour
Polycarbonate	1.2 g/cm ³	≈ 635 - 740 kg/m ³	White / Natural
Polymide Nylon	1.14 g/cm ³	≈ 650 kg/m ³	Red / Natural

Composition

Polycarbonate	Polycarbonate > 98%	Pigments < 2%
Polymide Nylon	Polymide Nylon > 98%	Pigments < 2%



Blast & Peen Services Pte Ltd
 10 Admiralty Street #02-69
 Singapore 757695
 Tel. 65 6853 7680
 Fax. 65 6853 7681
 Email. sales@bnp.com.sg
 Web. www.bnp.com.sg