

ZIRCO-BLAST

SDN. BHD.

(Co. No. 505255-V)

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PLASTIC BLASTING MEDIA

Technical Data – Type XH

Type XH is a Thermoset Melamine Formaldehyde plastic media. This is very aggressive and it is recommended for stripping iron based or equivalent material where residual stress will have no consequences. This is also commonly used in the semiconductor industry to remove flashes and resin bleed on epoxy molded packages. Type XH meets Mil Std specifications of MIL – P – 85891, Type III. It is fully polymerized and it does not contain free formaldehyde. It is Anti-static treated and has the following chemical and physical properties.

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| Chemical Nature | Inert |
| Appearance | Granular |
| Colour | Multi coloured |
| Hardness | Barcol 64 – 74 |
| | Mohs 4.0 |
| Tensile strength | 5,000 – 15,000 psi |
| Elongation | 0.6 – 1.0 % |
| Compressive strength | 33,000 – 45,000 psi |
| Izod impact test (0.125" specimen) | 0.2 – 0.4 ft lb/in |
| Explosibility – minimum explosive concentration | 0.09 oz/cu ft |
| Ignition temperature | 530 deg C |
| Specific gravity | 1.47 – 1.52 |