

**US Technology Media**  
**Technical Data Sheet****Bondblast®**

Bondblast plastic media is a thermoset Polyester, which has been treated with an anti-static agent, custom manufactured specifically for plastic media blasting. It is available both in MIL-SPEC and Standard grade configurations.

|                                   |                          |
|-----------------------------------|--------------------------|
| Chemical Nature                   | Inert                    |
| Appearance                        | Granular                 |
| Color                             | Multi-colored            |
| Hardness                          | Barcol 34-42<br>MOHS 3.0 |
| Compressive Strength              | 600-13000 psi psi        |
| Izod impact (1/8" specimen)       | 0.2-0.4 ft lb/in         |
| Explosibility – Minimum Explosive | 0.045 oz/ft <sup>3</sup> |
| Ignition Temperature              | 440°F                    |

Limits per MIL-P-85891A

|                             |                              |
|-----------------------------|------------------------------|
| Chlorine Content            | Trace                        |
| Ash Content                 | 2.0% by wt                   |
| Iron Content                | 0.05% by wt                  |
| Specific Gravity            | 1.15-1.25 gm/cm <sup>3</sup> |
| Extract Content             | 5% by wt                     |
| PH                          | 4-8                          |
| Conductivity                | 100 mho/cm                   |
| H <sub>2</sub> O Absorbtion | 2% by wt                     |
| Heavy Particulate           | 0.02% by wt                  |
| Light Particulate           | 1.0% by wt                   |