

**US Technology Media
Technical Data Sheet**

**Bondblast[®]
Prime**

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 | Clear |
| Hardness | Barcol 38-49 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 ³ |
| 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 ³ |
| Extract Content | 5% by wt |
| PH | 4-8 |
| Conductivity | 100 mho/cm |
| H ₂ O Absorbtion | 2% by wt |
| Heavy Particulate | 0.02% by wt |
| Light Particulate | 1.0% by wt |