

**US Technology Media
Technical Data Sheet****Polyextra® Type I**

Polyextra 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 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