

US Technology Media
Technical Data Sheet**Polyplus® Type II**

Polyplus is a thermoset Urea Formaldehyde which has been treated with an anti-static agent, custom manufactured specifically for plastic media blasting. It is available in Prime, Mil-Spec, and Standard configurations.

Chemical Nature	Inert
Appearance	Granular
Color	Multi-colored
Hardness	Barcol 54-62 MOHS 3.5
Elongation	<1.0%
Compressive Strength	25000-45000 psi
Izod impact (1/8" specimen)	13-21 Jm ⁻¹
Explosibility – Minimum Explosive	0.085oz/ft ³
Ignition Temperature	530°F

Limits per MIL-P-85891A

Chlorine Content	Trace
Ash Content	2.0% by wt
Iron Content	0.10% by wt
Specific Gravity	1.47 – 1.52 gm/cm ³
Extract Content	1% by wt
PH	4-8
Conductivity	100 mho/cm
H ₂ O Absorbtion	10% by wt
Heavy Particulate	0.02% by wt
Light Particulate	1.0% by wt