

US Technology Media
Technical Data Sheet**Type III**

Type III[®] plastic media is a thermoset Melamine Formaldehyde which is identified as Type III[®] media. The finished product contains no inorganic fillers and contains an anti-static agent. It has the following physical and chemical properties:

Chemical Nature	Inert
Appearance	Granular
Color	Multi-colored
Hardness	Barcol 64-72 MOHS 4.0
Elongation	0.6 – 1.0%
Compressive Strength	33000-45000 psi
Izod impact (1/8" specimen)	11-21 Jm ⁻¹
Explosibility – Minimum Explosive	0.09oz/ft ³
Ignition Temperature	Greater than 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