


PLASTI-GRIT[®] PLASTIC BLAST MEDIA
**TECHNICAL
DATA
SHEET**
PLASTI-GRIT[®] TYPE VI: CLEAR-CUT[®] → TECHNICAL DATA SHEET

TYPICAL PROPERTIES: TYPE VI CLEAR-CUT[®] plastic media, a thermoset Poly Allyl DiGlycol Carbonate, exceeds the requirements for a Type VI Grade A media as specified in MIL-P-85891A. The finished product contains no inorganic fillers and is treated with an anti-static agent.

Chemical Nature
Appearance
Color
Tensile strength (ASTM D638)
Elongation (ASTM D638)
Hardness
Compressive Strength (ASTM D695)
Izod impact (1/8" specimen) (ASTM D256A)
Explosibility – Minimum explosive concentration
Ignition Temperature
Inert
Granular
Clear
5,000 – 6,000 psi
Less than 1.0%
Barcol 20-30 after 15 seconds / Rockwell M 95-100
22,500 psi
0.2 – 0.4 ft lb/in
Non-hazardous; .079 oz/cu ft.
710° F

LIMITS PER MIL-P-85891A:
Chlorine content
Trace
Ash content
0.006% by wt
Iron content
ND
Specific gravity
1.30 – 1.32 gm/cu cm
Extract content
.24R% by wt
PH
5.19
Conductivity (MHO/CM max)
16 mho/cm
H2O absorption
1.7% by wt
Heavy particulate
.0096% by wt
STANDARD MESH SIEVE SIZES:
8/12 ▪ 10/20 ▪ 12/16* ▪ 12/20* ▪ 16/20* ▪ 20/30* ▪ 20/40* ▪ 30/40* ▪ 40/60* ▪ 60/80* ▪ -100
***Available in MIL-SPEC Grade**
PACKAGING: 50 lb. Boxes ▪ 250 lb. Drums ▪ 2,000 lb. Super-Sacks
