


PLASTI-GRIT® PLASTIC BLAST MEDIA
PLASTI-GRIT® TYPE VI: CLEAR-CUT®

TYPE VI CLEAR-CUT® plastic media, a thermoset Poly Allyl DiGlycol Carbonate, meets 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. Type VI is commonly used as an abrasive, blast media, non-skid media, additive in paint & epoxies, and filler applications.

TYPICAL PROPERTIES	
CHEMICAL NATURE	Inert
APPEARANCE	Granular
COLOR	Clear
HARDNESS	Barcol 20-30 after 15 seconds / Rockwell M 95-100
TENSILE STRENGTH (ASTM D638)	5,000 - 6,000 psi
ELONGATION (ASTM D638)	<1%
COMPRESSIVE STRENGTH (ASTM D695)	22,500 psi
IZOD IMPACT (1/8" specimen) (ASTM D256A)	0.2 – 0.4 ft lb/in
EXPLOSIBILITY (Minimum explosive concentration)	.079 oz/cu ft
IGNITION TEMPERATURE	710° F

MILSPEC LIMITS (MIL-P-85891A)	
CHLORINE CONTENT	Trace
ASH CONTENT	.006% by weight
IRON CONTENT	ND
SPECIFIC GRAVITY	1.22 – 1.32 gm/cu cm
EXTRACT CONTENT	.24R% by weight
CONDUCTIVITY	16 mho/cm
PH	5.19
H2O ABSORPTION	1.7% by weight
HEAVY PARTICULATE	.0096% by weight

STANDARD MESH SIZES
8/12 ▪ 12/16* ▪ 16/20* ▪ 20/40* ▪ 40/60* ▪ 60/100 ▪ -100 ▪ -200 ▪ <i>Custom sizes available</i>
*Available in MIL-SPEC Grade MIL-P-85891A

PACKAGING
50 lb. Boxes ▪ 250 lb. Drums ▪ 2,000 lb. Super-Sacks

