



**PLASTI-GRIT® PLASTIC BLAST MEDIA**

**PLASTI-GRIT® TYPE V: ACRYLIC**

Type V, a thermo-plastic Acrylic, has been treated with an anti-static agent. This product meets the requirements for Type V Grade A media as specified in MIL-P-85891A. Acrylic is commonly used in blast operations for paint removal.

TYPICAL PROPERTIES	
CHEMICAL NATURE	Inert
APPEARANCE	Granular
COLOR	White to Light Grey
HARDNESS	Barcol 46-54 ▪ MOH 3.2 – 3.5
TENSILE STRENGTH (ASTM D638)	8,000 – 11,000 psi
ELONGATION (ASTM D638)	2 – 7%
COMPRESSIVE STRENGTH (ASTM D695)	11,000 – 19,000 psi
IZOD IMPACT (1/8" specimen) (ASTM D256A)	0.3 – 0.4 ft lb/in
EXPLOSIBILITY (Minimum explosive concentration)	Non-hazardous; .079 oz/cu ft.
IGNITION TEMPERATURE	390° F

MILSPEC LIMITS (MIL-P-85891A)	
CHLORINE CONTENT	Trace
ASH CONTENT	0.5% by weight
IRON CONTENT	.05% by weight
SPECIFIC GRAVITY	1.1 – 1.2
EXTRACT CONTENT	4 – 8
CONDUCTIVITY	100
PH	4 – 8
H2O ABSORPTION	2% by weight
HEAVY PARTICULATE	.02% by weight
LIGHT PARTICULATE (MAX)	.1% by weight

STANDARD MESH 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 MIL-P-85891A

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

