


PLASTI-GRIT® PLASTIC BLAST MEDIA
PLASTI-GRIT® TYPE III: MELAMINE

TYPE III, a thermoset Melamine Formaldehyde, meets the specifications of Mil-P-85891A. The finished product contains no inorganic fillers and is treated with an anti-static agent. Melamine is commonly used as an abrasive, blast media & filler.

TYPICAL PROPERTIES	
CHEMICAL NATURE	Inert
APPEARANCE	Granular
COLOR	Multi-colored
HARDNESS	Barcol 64-72 ▪ MOH 4.0
TENSILE STRENGTH (ASTM D638)	5,000 – 15,000 psi
ELONGATION (ASTM D638)	.6 – 1.0%
COMPRESSIVE STRENGTH (ASTM D695)	33,000 – 45,000 psi
IZOD IMPACT (1/8" specimen) (ASTM D256A)	0.2 – 0.4 ft lb/in
EXPLOSIBILITY (Minimum explosive concentration)	.09 oz/cu ft (NACE CR 87.011 June 1987)
IGNITION TEMPERATURE	>530° F

MILSPEC LIMITS (MIL-P-85891A)	
CHLORINE CONTENT	Trace
ASH CONTENT	0.5% by weight
IRON CONTENT	.05% by weight
SPECIFIC GRAVITY	1.47 – 1.52 gm/cu cm
EXTRACT CONTENT	1% by weight
CONDUCTIVITY	100 mho/cm
PH	8
H2O ABSORPTION	10% by weight
HEAVY PARTICULATE	.02% by weight

STANDARD MESH SIZES
8/12 ▪ 10/12 ▪ 10/20 ▪ 12/16* ▪ 12/20* ▪ 16/20* ▪ 20/30* ▪ 20/40* ▪ 30/40* ▪ 40/60* ▪ 60/80* ▪ 60/100 ▪ -100
*Available in MIL-SPEC Grade MIL-P-85891A

PACKAGING
50 lb. Boxes ▪ 275 lb. Drums ▪ 300 lb. Drums (8/12 & 12/16) * 2,000 lb. Super-Sacks

