

POLY V® TYPE V ACRYLIC

This media is manufactured from acrylic and is designed to solve today's coating removal and surface preparation problems. POLY V® is custom engineered to provide rapid coating removal, minimal substrate abrasion and high reusability. POLY V® combines the characteristics of durability, gentleness and speed which translates into a low cost alternative to chemical stripping and sanding of products. The durability of this product translates into lower media consumption and less dust when blasting. This non-hazardous material may be obtained in Mil-Spec grade which meets the requirements for MIL-P-85891(A).

UST Media Technical Data Sheet

Property	Value
Chemical Nature	Inert
Appearance	Granular
Color	Clear
Hardness	Barcol 46-54
MOHS	3.5
Elongation	2-10%
Compressive Strength	12000-18000 psi
Izod Impact (1/8" specimen)	16-27 Jm ⁻¹
Explosibility – Minimum Explosive	0.079oz/ft ³
Ignition Temperature	390°C
Chlorine Content	Trace
Ash Content	0.5% by wt
Iron Content	0.05% by wt
Specific Gravity	1.1-1.2 gm/cm ³
Extract Content	95% min. by wt
pH	4-8
Conductivity	100 mho/cm
H2O Absorption	2% by wt
Heavy Particulate	0.02% by wt
Light Particulate	1.0% by wt