

TECH DATA SHEET

A6225 – ANTI-BLEED ADDITIVE



DESCRIPTION

A6225 is a proprietary, patent-pending non-halogenated additive utilizing a monofunctional silicone together with a thiol reactive group allowing it to perform multiple functional roles. When used in metal filled and non-metal filled adhesive systems it reduces resin bleed out on a variety of surfaces. When used as a mold release in composite manufacturing the material imparts a residual anti-stiction silicone coating to surface of the parts.

A6225 is co-curable in both free-radical based and traditional epoxy based polymerization systems. It can also enhance the rheological properties of various filled adhesives.

HIGHLIGHTS

- Excellent bleed control
- Minimal adhesion degradation
- Co-curable in most systems
- Non-halogenated – a “green” alternative to conventional anti-bleed and mold release materials

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	METHOD	RESULT
Appearance at Room Temperature	Visual	Colorless liquid
Viscosity @ 25°C (typical)	Haake Rheometer	50 cP
Density		0.98 g/cc
Flash Point	Closed Cup	> 153°C
Recommended Storage Temp		Room Temperature

Data is for reference only and may vary depending on testing method used.

RECOMMENDED FORMULATION USE:

A6225 is recommended for use as an additive to reduce resin bleed out specifically on metal surfaces. The recommended addition of the A6225 to a formulation is between approximately 0.1% - 1% weight of resin. It shows superior bleed control in silver filled formulations and can significantly reduce or eliminate resin bleed out in formulations that contain non-metal fillers such as silica. A6225 may be applied in resin formulations to provide mold release and surface anti-stiction properties.

CONTACT:

REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

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REF: DMI Part Number: A6225