

Deco-Coat™ UV Cure 7155™

Epoxy; Epoxide

Epoxies, Etc.

Message:

UV Cure 7155™ and 7156™ are low intensity UV Curable Epoxy Resins. These products are water clear and cure to a smooth, bubble free finish. Low cost, low intensity lights are all that is needed to cure these unique polymer systems. UV Cure 7155™ and 7156™ also have superior aging and yellowing resistance.

Applications:

UV Cure 7155™ and 7156™ may be used as decorative ultra clear doming resins on labels, pins, key fobs, magnets, ceramics, etc... UV Cure 7155™ and 7156™ have outstanding adhesion to photographic paper. Their high gloss finish and outstanding clarity will enhance any image it is applied over. These materials can also be used as protective coatings due to their ability to resist moisture, chemicals and thermal shock.

Benefits:

- No weighing or mixing
- Single component
- Cures in minutes
- Non-solvent 100% solids system
- Can be cured with low intensity black light

General Information		
Features	Good Adhesion	
	Good Chemical Resistance	
	Good Thermal Shock Resistance	
	High Clarity	
	High Gloss	
	High Rigidity	
	Moisture Resistant	
	UV Curable	
Uses	Coating Applications	
	Decorative Parts	
	Labels	
Appearance	Clear/Transparent	
Uncured Properties	Nominal Value	Unit
Color	Clear/Transparent	
Solids Content	100	%
Density (25°C)	1.09	g/cm ³
Viscosity (25°C)	1.0	Pa · s
Shelf Life (4°C)	6	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	70	
Tensile Strength	60.7	MPa
Tensile Elongation at Break	6.1	%
Relative Permittivity (60 Hz)	3.16	

Volume Resistivity	1.6E+9	ohms·cm
Dissipation Factor (60 Hz)	0.018	

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