

Product information

CATALYST[®] 1786B

Curing Agent

DESCRIPTION

Catalyst 1786B is a solution of the p-toluenesulphonate salt of 2-amino-2-methyl-1-propanol in butan-1-ol. It is designed as a catalyst that permits reduction of the stoving temperature at which epoxy/phenol-formaldehyde resins, epoxy/urea-formaldehyde, and epoxy/melamine-formaldehyde resins undergo cure.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Colour	< 12	Gardner	ASTM D 1544-80
Assay (as pTSA)	30-32	%	
pH	7.5-8.1		
Flash Point (closed Cup)	36	°C	
Solids Content	≤ 50	wt %	

APPLICATIONS

Epoxy/Phenol-Formaldehyde Resins

- Catalyst 1786B used typically at 4% by weight on total resin solids.
- Stoving schedule of 20 minutes at 200°C or 30 minutes at 185°C

Epoxy/Urea-Formaldehyde Resins

- Catalyst 1786B used typically at 1% by weight on total resin solids.
- Stoving schedule of 20 minutes at 205°C or 30 minutes at 150°C

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Catalyst 1786B curing agent.

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Disclaimer

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