

# PRODUCT DATA SHEET

Revision Date: 13/01

## ATUREX® 390

### Modified Amine Adduct

It is micronized powder with an average particle size of about 10 microns; it is easy to be dispersed in liquid epoxy resin. It used as a sole latent hardener or as an accelerator for DICY/anhydrides/phenolic hardeners in one-pack, heat-cured epoxy systems. It provides excellent balance of low activation temperature, long shelf stability, and high glass transition temperature.

#### FEATURES

- Easy to mix with epoxy resins
- Providing long storage period
- Fast cure at low temperature in a short time
- Good resistance to chemical
- Good resistance to elevated temperature
- Excellent electrical insulation
- Good mechanical properties

#### APPLICATIONS

- Potting and casting
- Film adhesion
- Powder coating

PROPERTIES	TYPICAL QUALITY	SPECIFICATION
Specific Gravity, 25° C	1.15	1.15
Solids, %		
AHEW		
Use Level, phr	15	10-20
Gel Time, min/150g, 25° C	5 Month	3-6 Month
Thin Film Set Time, hr/25° C	46	30-60
Typical Cure Schedule	elevated temp	elevated temp
TYPICAL PROPERTIES		
Amine Value, mg KOH/g	250	230-270
Viscosity, mPa.s, 25° C	Solid	Solid
Color, Gardner	5	Light yellow powder
HANDLING & STORAGE CN CODE	In unopened, original containers at 2 - 40° C, (see Expiry date on original container) 3908900000	
PACKAGING	In 210 liter tight head steel drums, net weight 190kg.	
HEALTH & SAFETY	Please refer to Material Safety Data Sheet	



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