

PRODUCT DATA SHEET

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ATUREX® 450

Polyamide Amine

It is standard medium-viscosity polyamide providing high flexibility, long pot-life and good adhesion to various materials. 1:1 volume ratios with standard liquid epoxy resin can be possible. Improved reactivity, chemical resistance and/or reduction in viscosity may be achieved by blending with aliphatic hardeners or amid amines. It is DOT non-corrosive.

FEATURES

- Cure at low temperatures under damp conditions
- Good film properties
- Excellent color and color stability
- Good adhesion and very good chemical resistance
- Good water resistance
- Range of cure times and pot lives
- Very good heat-cure performance

APPLICATIONS

- Coatings, sealants, putties
- Adhesives, cable jointing
- Concrete repair compounds

PROPERTIES	TYPICAL QUALITY	SPECIFICATION
Specific Gravity, 25°C	0.99	0.99
Solids, %	-	-
AHEW	125	125
Use Level, phr	65	65
Gel Time, min/150g, 25°C	200	200
Thin Film Set Time, hr/25°C	10.0	10.0
Typical Cure Schedule	4 days	2-7 days at ambient
TYPICAL PROPERTIES		
Amine Value, mg KOH/g	298	280-320
Viscosity, mPa.s, 25°C	33000	25000-45000
Color, Gardner	8	<12
HANDLING & STORAGE	In unopened, original containers at 2 - 40°C, (see Expiry date on original container)	
CN CODE	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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