

PRELIMINARY TECHNICAL DATASHEET

# Ancamide® 2832 Curing Agent

## DESCRIPTION

Ancamide® 2832 is a modified polyamide curing agent developed to provide rapid through cure and long overcoatability with epoxy resins. It can be used in high solids maintenance and OEM coatings.

## PERFORMANCE ADVANTAGES

- Good corrosion resistance
- Rapid through cure/ Faster
- Good blush resistance

## APPLICATIONS

- Industrial maintenance coatings
- OEM and refinish coatings

## STORAGE LIFE

At least 12 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

## HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet

## TYPICAL PROPERTIES

Appearance	Dark amber liquid
Colour <sup>1</sup> (Gardner)	7 max
Viscosity <sup>2</sup> @ 25 °C (mPa.s)	500– 2000
Amine Value <sup>3</sup> (mg KOH/g)	325–450
Specific Gravity @ 21 °C	1.02
Equivalent Wt/{H}	156
Recommended Use Level <sup>4</sup> (PHR)	82

## TYPICAL HANDLING PROPERTIES

Gel Time <sup>5</sup> @ 25 °C (min)	29
Thin Film Set Time <sup>6</sup> @ 25 °C (h)	1:30/1:45
Shore D (25C) Day 1/7	68
PersoZ Pendulum Hardness <sup>7</sup> 7 days @ 25 °C (s)	302
Tg °C (7 day), second scan	47
Carbamation Resistance <sup>8</sup> (Scale 1–5, 5=best)	5

1. ASTM D 1544
2. Brookfield RVTD, spindle 4
3. Perchloric Acid Titration
4. With bisphenol– A based epoxy resin (EEW=190)
5. Techne GT–5 Gelation Timer, 150 g mix
6. ASTM D 5895 – BK Drying Recorder, Phase 2/3, 60%RH
7. ASTM D 4366
8. ISO 2812 (wet patch method), after 24hrs @ 23°C

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