

**Zepoxy REH 243** is a cycloaliphatic amine based curing agent with low viscosity and moderate reactivity. It can be blended with other amine-based hardeners or with epoxy accelerators to achieve ambient curable epoxy compositions. As a sole curing agent, **Zepoxy REH 243** can yield epoxy systems with relatively high heat distortion properties when properly cured.

## FEATURES

- ✓ High temperature resistance
- ✓ High mechanical strength
- ✓ Excellent chemical and moisture resistance
- ✓ Low color and good color stability

## APPLICATIONS

- ✓ Structural adhesive
- ✓ Flooring, grout, coating, etc. in construction
- ✓ Composite lamination
- ✓ Casting and encapsulation
- ✓ Heavy duty protective coating

## TECHNICAL DATA

Property	Test Method	Result
Appearance	visual	Clear liquid
*Color	ASTM D 1544-04	1 G max.
*Amine value	ASTM D 1652	630 - 670 mg KOH/g
*Viscosity @ 25°C	ASTM D 2196-05	11 - 19 cPs
Odor	-	Amine
*Density @ 25°C	ASTM D 1475-98	0.924 g/cc
*AHEW	-	43
<b>*Mixing</b>		
	Zepoxy RER 128	100 parts
	Zepoxy REH 243	23.5 parts
<b>*Processing</b>		
	Viscosity of mixture at 25°C	1930 cps
	Open time	60 min
	Time to reach 6000cps at 25°C	70 min
<b>*Curing</b>	<b>2h@80°C + 2h@150°C</b>	
	HDT	146°C
	Tg	148°C
	Tensile Strength	11,710 psi
	Shore D Hardness	87

\*Typical results under laboratory conditions.

## PACKAGING

Zepoxy REH 243 is available as follows:

1 KG, 5KG, 15KG, 30KG, and 180KG

## HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.