BosTech LLC.FZ
POLYMER

REH 243

Product Description:

BosTech Polymer offers REH 243, a low-viscosity, moderate-reactivity cycloaliphatic amine-based curing agent, ideal for high-performance epoxy applications. It can be used as a standalone hardener or blended with other amine-based hardeners and epoxy accelerators to create ambient-curable epoxy formulations. When properly cured, REH 243 delivers superior heat-distortion resistance, making it an excellent choice for demanding industrial applications.

Technical Data Sheet

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
***Mixing**			
	Zepoxy RER 128	100 parts	
	Zepoxy REH 243	23.5 parts	
***Processing**			
	Viscosity of mixture at 25°C	1930 cps	
	Open time	60 min	
	Time to reach 6000cps at 25°C	70 min	
***Curing**	**2h@80°C + 2h@150°C**		
	HDT	146°C	
	Tg	148°C	
	Tensile Strength	11,710 psi	
	Shore D Hardness	87	

Packaging: 180 KG

Expiry Date: 27 December 2025

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