



THE HANSON GROUP, LLC

GOOD PEOPLE, GREAT SCIENCE

3044 Adriatic Court, Peachtree Corners, GA 30071

(P) 770-495-9554 (F) 404-521-4396

sales@thehansongroup.com

www.thehansongroup.com

MBOEA

TECHNICAL DATA SHEET

Chemical Name: Liquid Aromatic Diamine Hardener
4,4'-Methylene bis(2-ethylaniline)
4,4'-Methylene bis(2-ethylbenzenamine)

Specifications	
Visual Appearance:	Clear Dark Liquid
Viscosity:	2,000 – 5,000 cps
Active Hydrogen Eq. Wt.:	61-66 (34 pbw with liquid epoxy)
Amine Eq. Wt.:	124-130
Assay by GC: Assay:	97%
Solids:	100%
Water Content:	0.1 max

Suggested Formulation Properties:

Product:	Parts by Weight
Epon 828	100
MBOEA	34
Gel Time @ 150 C, min.	14.5
Cure schedule @ 150 C	2 hours

Mechanical Properties	Test Temperature	
	77 °F	200 °F
Flexural Strength, ksi	21.4	8.5
Modulus	477	25.1
Tensile Strength, ksi	13.6	5.9
Modulus	493	308
Tensile Elongation @ RT, %	5.7	14
% Water Pick-up *	1.1	

Shelf Life: 24 months under recommended storage conditions. After 24 months, retest material.
For more information about safety and environment, please refer to our SDS