



Curative Types

Curative	Description	Equivalent Weight
Mboca	Industry standard for TDI Systems, TOXIC	133
Ethacure 100	Liquid for Aliphatic Isocyanate based systems	87
Ethacure 300	Non TOXIC alternative for TDI systems	107
Lonzacure MCDEA	High Performance for TDI and Aliphatic based systems	187
1,4-butanediol	Industry standard for MDI Systems	45
HQEE	High Performance MDI systems	99
HER	High Performance MDI systems, easier to process than HQEE	99
1,3-propanediol	Alternative to 1,4-butanediol	38
TMP	Low hardness TDI systems	45
TIPA	Low hardness TDI systems, shorter pot-life than TMP	64



Stoichiometric Effects

- Hardness - Essentially stable over 85-100% range
- Modulus - Essentially stable over 85-100% range, will reduce outside quoted range.
- Tensile - Maximum @ 90-96%, slight reduction outside range.
- Tear - Maximum @ 100-105%, large reduction below this range.
- Compression set - Lower compression set obtained at lower %stoichiometry
- Abrasion resistance - High %stoichiometry reduces abrasion loss, 100-105% is ideal.
- Hysteresis - Low hysteresis at lower %stoichiometry. 90-95% optimum
- Flex Life - Improved flex resistance at higher %stoichiometry. 100-105% is optimum.
- Resilience - Maximum @ 90-95%, small reduction above this range.
- Solvent Swell - Less swell at lower %stoichiometry. 95%% optimum

