



Technical Data Sheet

MATERIAL: Poly(ethylene oxide), diamine terminated

CATALOG NUMBER: 817

CAS NUMBER: 65605-36-9

DESCRIPTION: Ethylene oxide based diamine

FORMULA: $C_3H_9NO \cdot 1/2(C_3H_6O \cdot C_2H_4O)_x$

TYPICAL PROPERTIES:

Appearance:	Waxy solid
Amine content:	0.95 meq./g.
Approx Mw:	2,000
Viscosity:	134 cs (50°C)
Density:	1.08
Boiling point:	240°C
Melting point:	43°C
Flash point:	500°F
Solubility:	THF, water

GENERAL INFORMATION: Application areas include hydrophilic polymers, antistatic agents, textile treating, metal working, epoxy curing agent, water-based coatings, polyamides, and isocyanate precursors.

STRUCTURE: