



SABIC® PO PROPYLENE OXIDE

PROPLYENE OXIDE

DESCRIPTION

SABIC® PO is a transparent and highly reactive material, it is produced through epoxidation reaction with propylene.

TYPICAL APPLICATIONS

SABIC® PO is a base material in the manufacture of Polyol (automobile, furniture appliance, and building insulating materials), Propylene Glycol (cosmetics, fibers), Propylene Glycol Ether (detergent), Isopropanol Amines, Fumigant, Synthetic Lubricants, Synthetic elastomer (homopolymer) and Solvent.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PROPERTIES ⁽¹⁾			
Appearance			
-	Transparent and free of any suspended matter	-	Visual
Purity			
-	≥99.9	%	GC
Aldehyde	Max 0.005	Wt. %	Titration
Color			
-	≤10	APHA	ASTM D1209
Water			
-	0.020	Wt. %	ASTM E1064
Acid			
Acidity	≤0.003	Wt. %	ASTM D1613
Specific Gravity			
@ 20°C	0.829 – 0.831	-	ASTM D4052
Non Volatile Residue	Max 0.0005	Wt. %	ASTM D1353

(1) : Typical values, not to be construed as specification limit