

## PRODUCT SPECIFICATION

# 1,4 Butanediol (BDO)

<b>Chemical Name</b>	: 1,4 Butanediol		
<b>Molecular Formula</b>	: C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>	<b>Molecular Weight</b>	: 90.12
<b>HS Code</b>	: 2905399002	<b>CAS number</b>	: 110-63-4
<b>UN Code</b>	: Not Applicable	<b>DG Class/PKG GP</b>	: Not Applicable

**Applications** : BDO is an important organic chemical and fine chemical material, it is the basic material for producing PBT plastics, PBT fiber, and PBT is one of the five most promising engineering plastics.

BDO is the main material for producing THF, which is an important organic solvent. The polymeric PTMEG of THF is the basic material for producing highly elastic polyurethane fiber, its polymeric compound PTMEG is basic material for high-elasticity urethane elastic fiber, which is used for producing high-grade sports-wear and swimming suit that have a demand for high elasticity.

BDO is the main material for producing  $\gamma$ -butyrolactone, which is used in farm chemicals, pharmaceuticals, cosmetics and other fields for producing 2-pyrrolidone and NMP and their derivative NVP and PVP.

**Packaging** : 200kg per drum, 16MT per 20-ft FCL container with pallets  
21.5MT per ISO tank

Characteristics	Unit	Guaranteed Values
Appearance	-	Colourless Oily Liquid
Purity	%	99.5 Min
Water	ppm	500 Max
Chroma	-	10 Max