

01 January 2019

## SALES SPECIFICATIONS

### ETHYLENE GLYCOL POLYESTER GRADE (ASIA COA FORMAT) SPECIFIED MATERIAL: 000101232907-C018

TEST ITEM	METHOD	ETHYLENE GLYCOL POLYESTER GRADE (ASIA COA FORMAT)
Purity, %wt, minimum	BY DIFFERENCE	99.9
Diethylene Glycol, %wt, maximum	ASTM E2409	0.05
Acidity, ppm, maximum, as Acetic Acid	ASTM E2679	20
Iron, ppm, maximum	ASTM E1615	0.1
Chlorides, ppm, maximum	ASTM E2469	0.2
UV Transmit @ 220nm, %T, minimum	ASTM E2193	70
UV Transmit @ 250nm, %T, minimum	ASTM E2193	90
UV Transmit @ 275nm, %T, minimum	ASTM E2193	94
UV Transmit @ 350nm, %T, minimum	ASTM E2193	98
Water, %wt, maximum	ASTM E1064	0.05
Color, Platinum-Cobalt Units, maximum	ASTM D5386	5
Appearance	ASTM E2680	Pass

Typical values for Specific Gravity (20/20°C): 1.1151 – 1.1156

Typical values for Refractive Index at 20°C: 1.4305 – 1.4330

Typical values for Ash content: < 10ppm

Typical values for Distillation Range: 196°C – 199°C

Typical values for Total Aldehydes (as Formaldehyde): < 10ppm