

## SPECIFICATIONS

### VINYL ACETATE MONOMER (VAM)

Property	Method	Result Unit	Minimum	Maximum
Appearance	ASTM E2680-09e1	Pass	Pass	-
Purity	SH/T 1628.2-1996	99.94 %(m/m)	99.90	-
Acetaldehyde	SH/T 1628.2.1996	0.004 %(m/m)	-	0.006
Ethyl Acetate	SH/T 1628.2.1996	<0.001 %(m/m)	-	-
Methyl Acetate	SH/T 1628.2.1996	0.003 %(m/m)	-	-
Benzene	SH/T 1628.2.1996	0.001 %(m/m)	-	-
Organic Impurities	SH/T 1628.2.1996	0.028 %(m/m)	-	0.1
Platinum Cobalt Colour	ASTM D1209-05(2011)	5	-	10
Water content by KF	ASTM D1364-02(2012)	0.029 %(m/m)	-	0.04
Density at 20° C	ASTM D4052-11	0.9322 g/cm <sup>3</sup>	0.930	0.934
Acidity (as acetic acid)	ASTM D2086-08 (2012)	0.0017 %(m/m)	-	0.005
Acetaldehyde Content	ASTM D2191-06 (2012)	0.006 %(m/m)	-	0.03
Distillation	ASTM D1078-11		-	-
-IBP		72.5 ° C	-	-
-DP		72.9 ° C	-	-
-Range		0.4 ° C	-	1.5
Hydroquinone	ASTM D2193-06 (2012)	18.0* % (m/m)	15	20
Activity	SH/T 1628.3-1996	10.8** min	-	-
Nonvolatile Matter	ASTM D1353-13	<0.001 %(m/m)	-	0.01