

CUSTOMER : APL COMPANY

MAR. 28. 2019

ANALYSIS CERTIFICATE**TEST RESULTS OF 10T96A**

Production Date	Expiry Date	Lot No.	Quantity (kg)	Appearance	Viscosity (75℃, mPa.s)	NCO(%)
				Light Yellowish Liquid	200 - 800	6.89 - 7.24
2019. 03. 12	2020. 03. 11	274	5,040	PASS	660	7.12

TEST RESULTS OF 55T95A

Production Date	Expiry Date	Lot No.	Quantity (kg)	Viscosity (75℃, mPa.s)	NCO(%)
				1,000 - 2,000	6.26 - 6.56
2019. 03. 13	2020. 03. 12	198	5,040	1,220	6.49

TEST RESULTS OF 10T90A

Production Date	Expiry Date	Lot No.	Quantity (Kg)	Appearance	Viscosity (75℃, mPa.s)	NCO(%)
				Light Yellowish Liquid	300 - 700	5.06 - 5.25
2019. 03. 11	2020. 03. 10	1735	612	PASS	530	5.17

TEST RESULTS OF 55T90A

Production Date	Expiry Date	Lot No.	Quantity (kg)	Viscosity (75℃, mPa.s)	NCO(%)
				1,600 - 2,500	4.94 - 5.12
2019. 03. 07	2020. 03. 06	1286	612	1,850	5.05

TEST RESULTS OF 10T60A

Production Date	Expiry Date	Lot No.	Quantity (kg)	Viscosity (75 °C, mPa.s)	NCO(%)
				300 - 1,000	2.44 - 2.55
2019. 03. 13	2020. 03. 12	112	576	375	2.47

TEST RESULTS OF A50

Production Date	Expiry Date	Lot No.	Quantity (kg)	Appearance	Melting Point (cap. °C)	Amine Value
				Yellowish Globosity	95 Min.	7.4 - 7.6
2019. 02. 28	2020. 02.27	600	2,520	PASS	97.5	7.5

I CERTIFY THAT THE ABOVE STATEMENTS ARE TRUE AND CORRECT.

General Manager Quality Assurance Team

KANGNAM CHEMICAL CO., LTD.

