



PATECH FINE CHEMICALS CO., LTD.

No. 20, Dong 1 Rd. Changhua Coastal Industrial Park,

Hsien Hsi Shiang, Changhua Hsien, Taiwan.

TEL:886-4-758-8688 FAX:886-4-758-8699

Certificate of Analysis

Trade name : PP 23BZ 110005C
Product :
Lot No : 00803

Date : 24 Aug. 2020
Customer : Carrier
Serial No. : 109-0831

Tests	Units	Specification	Results	Test Method
Acid Value	mg KOH/g	0.04 Max	0.02	ASTM-D974
Water Content	ppm	50 Max	28	ASTM-E1064
Color	APHA	100 Max	60	ASTM-D1209
Kinematic Viscosity	cSt(40°C)	198 ~ 242	210	ASTM D445
Kinematic Viscosity	cSt(100°C)	18.0 ~ 21.0	18.6	ASTM D445
Viscosity Index	---	---	98	ASTM-D2270
Pour Point	°C	-21 Max	-33	ASTM-D97
Flash Point	°C	200 Min	286	ASTM-D92
Zinc	ppm	1 Max	< 1	ICP-OES
Calcium	ppm	1 Max	< 1	ICP-OES
Barium	ppm	1 Max	< 1	ICP-OES
Iron	ppm	1 Max	< 1	ICP-OES
Copper	ppm	1 Max	< 1	ICP-OES
Lead	ppm	1 Max	< 1	ICP-OES
Tin	ppm	1 Max	< 1	ICP-OES
Aluminum	ppm	1 Max	< 1	ICP-OES
Silicon	ppm	1 Max	< 1	ICP-OES
Molybdenum	ppm	1 Max	< 1	ICP-OES

Drum Serial No. 001~226 (Manufacturing Date:2020.07.30)

Drum Serial No. 227~720 (Manufacturing Date:2020.08.20)

Manufacturing Date:2020.08.21

ANALYZED BY : Wei-Tzu

Tai-Her Tsai

Quality Control Supervisor
Patech Fine Chemicals Co., Ltd.

AB014-01-04