

# AEKYUNG PETROCHEMICAL COMPANY LTD.

## Product Specifications

ITEM	DOP	DINP	DOA	TOTM	DBP	DIDP	DOM	DINA
Color(APHA)	20↓	20↓	20↓	40↓	25↓	25↓	40↓	30↓
Specific gravity (20/20℃)	0.986 ± 0.003	0.976 ± 0.003	0.927 ± 0.003	0.99 ± 0.003	1.048 ± 0.003	0.968 ± 0.003	0.944 ± 0.003	0.922 ± 0.003
Acid value (KOH mg/g)	0.02↓	0.02↓	0.04↓	0.10↓	0.05↓	0.03↓	0.10↓	0.10↓
Ester value	287 ± 3	267 ± 3	302 ± 3	307 ± 3	403 ± 3	251 ± 3	327 ± 3	280 ± 3
Refraction index (nD25)	1.485 ± 0.003	1.484 ± 0.003	1.446 ± 0.003	1.484 ± 0.003	1.491 ± 0.003	1.484 ± 0.003	1.454 ± 0.003	1.452 ± 0.003
Heat loss (wt%)	0.07↓	0.07↓	0.10↓	0.10↓	0.30↓	0.08↓	0.20↓	0.20↓
Volume resistance (Ωcm, 30℃)	4.0 × 10 <sup>11</sup> ↑	5.0 × 10 <sup>11</sup> ↑	5.0 × 10 <sup>11</sup> ↑	4.0 × 10 <sup>11</sup> ↑	3.0 × 10 <sup>9</sup> ↑	4.0 × 10 <sup>11</sup> ↑	1.0 × 10 <sup>11</sup> ↑	5.0 × 10 <sup>11</sup> ↑

ITEM	CITROCIZER	PYROCIZER	NONPCIZER	OLICIZER-S	OLICIZER-10N	OLICIZER-20N
Color(APHA)	30↓	50↓	100↓	100↓	200↓	200↓
Specific gravity (25/25℃)	1.05 ±0.005	0.985 i¾ 0.003 (20℃)	1.0~1.1 (20℃)	1.0~1.1	1.0~1.1	1.0~1.2
ACID VALUE (KOH mg/g)	0.2↓	0.1↓	2.0↓	1.0↓	2.0↓	2.0↓
Refraction index (nD25)	1.4410~1.4425	1.484± 0.003	1.454~1.465	1.457 ± 0.003	1.465 ± 0.003	1.465± 0.003
Volume resistance (Ωcm, 30℃)	1.0 × 10 <sup>10</sup> ↑	50 × 10 <sup>10</sup> ↑	1.0x10 <sup>10</sup> ↑	1.0x10 <sup>10</sup> ↑	1.0x10 <sup>10</sup> ↑	1.0x10 <sup>10</sup> ↑
Viscosity (cps, 25℃)	42(20℃)	300(20℃)	230±30(20℃)	120±30	350±50	2,500±300

## Test Method

Production capacity: 350,000 M/T per Year.

ITEM	TEST METHOD
Color(APHA)	B06-PD01 (JIS K 6751)
Specific gravity (20/20℃)	B06-PD02 (JIS K 6751)
ACID VALUE (KOH mg/g)	B06-PD04 (JIS K 6751)
Refraction (nD25)	B06-PD03 (JIS K 6751)
Volume resistance (Ω cm, 30℃)	B06-PD08 (JIS K 6751)
Viscosity (cps, 25℃)	B06-P005 (ASTM D 4878)