

SNC Products

CPC CORPORATION, TAIWAN SOLVENT & CHEMICAL BUSINESS Petroleum Ether (D701)

Date:2007/03/03 Version 3.0

Product No. 116S-21120

(Upon CNS#13379 Petroleum Ether)

| 2.2

	Specification	Test Method		
		CNS	ASTM	
Density g/ml : at 15°C.	max,0.66	14474	D4052	2.2
Color ,Saybolt.	min, +28	1220	D156	
Doctor Test.	Minus	1222	D235	2.2
Distillation Range,°C.		1218	D86	2.2
30°C ~ 60°C , vol%	min, 90			

CPC CORPORATION, TAIWAN SOLVENT & CHEMICAL BUSINESS Cleaning Naphtha (D702)

Date:2007/03/03 Version 3.0

Product No. 116S-01225

(Upon CNS#14690 Cleaning Naphtha)

| 2.2

	Specification	Test Method		
		CNS	ASTM	
Appearance	Visual			2.2
Density g/ml : at 15°C .	0.669~0.702	14474	D4052	2.2
Color, Saybolt.	min, +25	1220	D156	
Corrosion, Copper Strip.50°C,3hr.	max, No.1	1219	D130	
Aromatics content , vol%.	max, 3	3577	D1319	2.2
Distillation Range,°C.		1218	D86	
I.B.P.	min, 60			
Dry Point.	max, 107			

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS
High-Flash Aromatics Naphtha-100 (D709)

Date: 2007/03/03 Version 3.0

Product No.: 116S-06100

(Upon CNS#14691 High-Flash Aromatics Naphtha-100) | 2.2

	Specification	Test Method		
		CNS	ASTM	
Appearance		Visual		2.2
Density g/ml : at 15°C.	min, 0.865	14474	D4052	2.3
Flash Point,PM.°C.	min, 38	3574	D93	
Color.Saybolt.	min, +28	1220	D156	2.3
Corrosion,Copper Strip,100°C,3hr.	max, No.1	2760	D130	
Aromatics content,vol%.	min, 95	3577	D1319	2.3
Distillation Range,°C.		1218	D86	
I.B.P.	min, 155			2.3
50%,	max, 168			
Dry Point.	max, 175			2.4

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS
High-Flash Aromatics Naphtha-150 (D710)

Date: 2007/03/03 Version 3.0

Product No. 116S-06150

(Upon CNS#14691 High-Flash Aromatics Naphtha-150) | 2.2

	Specification	Test Method		
		CNS	ASTM	
Appearance.		Visual		2.2
Density g/ml : at 15°C.	min, 0.876	14474	D4052	2.2
Flash Point PM,°C.	min, 61	3574	D93	
Color.Saybolt.	min, +20	1220	D156	
Corrosion,Copper Strip.100°C,3hr.	max, No.1	2760	D130	2.2
Aromatics content,vol%.	min, 95	3577	D1319	2.3
Distillation Range,°C.		1218	D86	
I.B.P.	min, 177			

50% .

max, 196

Dry Point.

max, 216

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS

Toluene Industrial Grade (D729)

Date: 2007/03/03 Version 3.0

Product No. 203-P03231

	Specification	Test Method		
		CNS	ASTM	
Appearance			Visual	
Sp.Gr. at 15°C/15°C .	0.864~0.874	14474	D4052	
Density, 20°C, g/cm ³	0.861~0.871	14474	D4052	
Color, Pt-Co Scale,	max. 20	2755	K6254	D1209
Distillation Range, °C (under pressure 760mm < 2°C)	2756	K6255	D850	
Nonaromatics, vol%	max. 1.5	2761	K6260	D2360
Acidity		2758	K6257	D847
Acid Wash Color	max.No.4	2757	K6256	D848
Copper Corrosion, 1/2hr. at 100°C (<D1616 No.2)		2760	K6259	D849
Water		1474	K1066	Visual
Hydrogen Sulfide and Sulfur Dioxide (H ₂ S,SO ₂)		2759	K6258	D853

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS
Xylene Nitration Grade (D730)

Date: 2007/03/03 Version 3.0

Product No. 203-P04285

	Specification	Test Method	
		CNS	ASTM
Appearance		Visual	
Sp.Gr. at 15°C/15°C .	0.865~0.875	14474	D4052
Density, 20°C, g/cm ³	0.862~0.872	14474	D4052
Color, Pt-Co Scale,	max. 20	2755 K6254	D1209
Distillation Range, °C	max. 5	2756 K6255	D850
I.B.P. ,	min. 137		
Dry Point, °C,	max. 143		
Nonaromatics, vol%	max. 4.0	2761 K6260	D2360
Acidity		2758 K6257	D847
Acid Wash Color	max.No.6	2757 K6256	D848
Copper Corrosion, 1/2hr. at 100°C		2760 K6259	D849
Hydrogen Sulfide and Sulfur Dioxide (H ₂ S,SO ₂)		2759 K6258	D853

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS
Specifications for Viscosity-Graded Asphalt Cement (AR)

Date: 2012/06/25, Version 2.1

Item	Specification			Test Method	
Grades	AR-4000	AR-8000	AR-16000	CNS	ASTM
Products No. : 117-C	10040	10080	10160		
Test on residue from rolling thin-film oven test :				—	D2872
Viscosity , 60°C , Poise	4000±1000	8000±2000	16000±4000	14938	D2171
Viscosity , 135°C , cSt , min.	275	400	550	14249	D2170
Penetration , 25°C ,100g,5 sec.,min.	25	20	20	10090	D5
% of Original Penetration , 25°C , min	45	50	52	10090	D5
Ductility , 25°C ,5 cm/min,cm,min.	75	75	75	10091	D113
Test on Original Asphalt :					
Flash Point COC,°C , min.	227	232	238	3775	D92
Solubility in trichloroethylene, %,min.	99	99	99	10092	D2042

Note : Upon CNS 15073 & ASTM D3381 Specifications for Viscosity-Graded Asphalt Cement (AR)

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS

Specification for Sulfur (D807)

Date: 2007/03/21, Version 2.0

Item	Specification	(ASTM) Test Method
Products No. : 200-M	0200100	
Sulfur, wt. %, min.	99.5	Lummus392
Water, wt. %, max.	0.1	Lummus393
Total Impurities, Wt. % (including Ash, Se, Te, As, Chloride & H2SO4) , max.	0.5	Lummus392

CPC CORPORATION, TAIWAN
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Crude Octene (D904)

Date : 2007/3/12 , Version 2.0

Product No. : 203P4080100

Item	Specification	Test Method (ASTM)
Density (g/cm ³ , 15°C)	0.735 ± 0.010	D-4052
Color (APHA)	Less than 50	D-1209
Moisture	None-free-water	Visual
Carbon distribution (%) ≤ C7 C8 C9 -C11 C12 ≤	C8 + C12 ≥ 85.0	G.C
Sulfur (ppm)	Less than 15	D-5453
Chlorine (ppm)	Less than 10	UOP-395

| 1.3

Note :

| 1.3

Use for the raw materials of DINP plasticizers.

CPC CORPORATION, TAIWAN
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Methyl Alcohol (D905)

Date:2013/02/25 , Version 2.1

Product No. : 203P0500100

Item	Specification	Test Method (ASTM)
*Purity	Min. 99.85 wt %	E346/IMPCA 001
Specific Gravity at 20/20°C	0.792-0.793	E346/D891/D4052
*Color	Max. No. 5	E346/D1209
*Distillation Range	Max 1.0°C to include 64.6°C ± 0.1°C	E346/D1078
*Water	Max. 0.1 wt %	E203/E1064
Odor	Characteristic, Non residual	D1296
Non-volatile Matter	Max. 5 mg/100ml	D1353
Acetone	Max. 0.003 wt %	E346/IMPCA 001
Hydrocarbons	Pass Test	E346/D1722
Carbonizable Substances	Max. No. 50	E346/D1209
Acidity	Max. 0.003 wt %	E346/D1613
Potassium Permanganate time	Min. 50 minutes	E346/D1363
Chloride	Max. 1 ppm	D5085/IMPCA002
Alkalinity as NH ₃	Max. 0.003 wt %	D1614
Ethanol	Max. 50 ppm	E346/IMPCA 001
Sulfur	Max. 1 ppm	D4045/D3691

| 2.1

Note :

Use for manufacturing formaldehyde, formic acid, inorganic acid ester, organic acid ester, refrigerant, cleaner, perfume, photo-film... etc. Methyl Alcohol, molecular formula is CH₃OH. In early years it comes from separated distillate of wood dry distillation.

Methyl Alcohol is an inflammable, colorless, and toxic liquid.

Its melting point is -93.9°C, boiling point is 65°C, related density is 0.7914(20/4°C). It can dissolve in water, ethanol, ether, acetone, benzene and other organic solvents.

CPC CORPORATION, TAIWAN
SOLVENT & CHEMICAL BUSINESS
NORMAL PARAFFIN (D907)

Date : 2010/02/23 , Version 2.0

Product No.: 203P0150700 、 203P 0150900 、 116S 0150800

| 2.1

Item	Specification	Test Method (ASTM)
Appearance	Clear Liquid	
Color Saybolt	29	
Bromine mg/100g	25 Max.	D1492
Sulfur ppm	5 Max.	D5453
Aromatic wt %	0.25 Max.	UOP495
Purity wt %	98.5 Min.	
Carbon Distribution wt %		Gas Chromatography
C9 and lighter wt %	0.5 Max.	
C10 wt %	10 Max.	
C11 wt %	As report	
C12 wt %	As report	
C13 wt %	15 Min.	
C14 and heavier wt %	1 Max.	
MW	164 Min.	

Note :

Use for the raw materials of manufacturing biodegradable linear alkyl benzene. That is raw materials of surfactant detergent. It also uses for manufacturing Chlorinated Paraffin which is a kind of plasticizer of PVC. It is raw materials of green lamp-oil and less toxic washing solvent.

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