

Idemitsu IP Clean

▪▪ New lineup of the Idemitsu IPseries ▪▪

Idemitsu Kosan co.,Ltd.
Performance Chemicals Dept.

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(1) Characteristics

IP Clean has the characteristic of the isoparaffinic solvent which IP Solvent has, and is an **upper grade** with the following characteristics.

Narrow distillation range

- **Good Drying property**
- **Good Distillation recovery**

Eco-friendly

- **Low Odor**
- **Low Aroma content**

(2) Typical Properties

As compared with IP Solvent, the characteristic of **IP Clean** is a **low aroma content** and a **low bromine index**.

ITEMS	UNIT	IP Clean LX	IP Solvent 1620	IP Clean HX	IP Solvent 2028
Appearance	—	Clear&Bright	Clear&Bright	Clear&Bright	Clear&Bright
Color	APHA	< 5	< 5	< 5	< 5
Density	15°C g/cm ³	0.754	0.761	0.791	0.789
Flash Point	PM °C	48	49	84	86
Distillation Temp.	IBP 50% EP °C	173	166	211	213
		178	180	244	233
		194	202	255	262
Kinematic Viscosity	37.8°C mm ² /s	1.37	1.28	2.65	2.64
Aroma Cont.	wt ppm	< 10	< 50	< 10	< 50
Bromine Index	mg/100g	< 10	< 500	< 10	< 500
Sulfur Cont.	wt ppm	< 1	< 1	< 1	< 1
Chlorine Cont.	wt ppm	< 1	< 1	< 1	< 1
Water Cont.	wt ppm	< 10	40	< 10	40
Aniline Point	°C	86	81	89	89

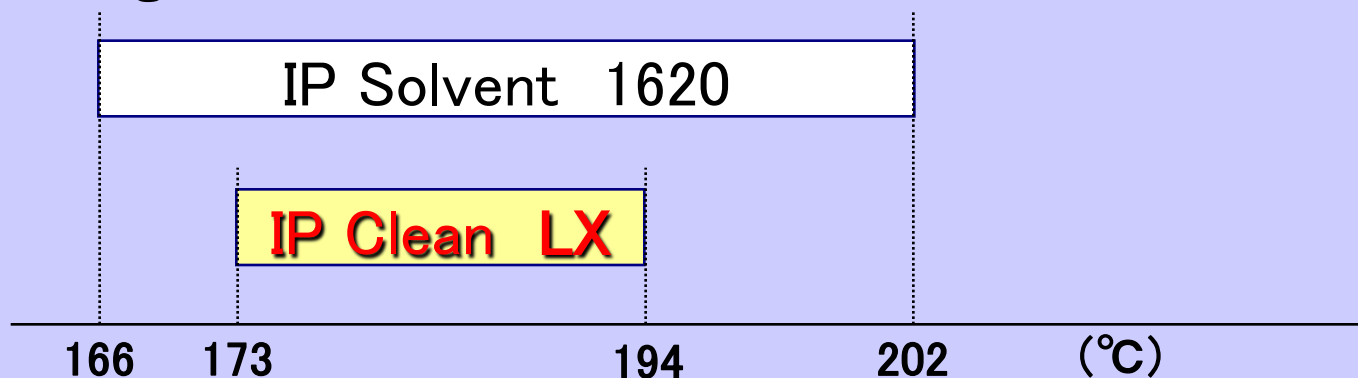
(3) CAS No.

ITEMS	IP Clean LX	IP Clean HX
CAS No	68551-16-6 (AlkanesC9-11, iso) 68551-17-7 (AlkanesC10-13, iso) 111-84-2 (nonane)	68551-17-7 (AlkanesC10-13, iso) 68551-20-2 (AlkanesC13-16, iso)

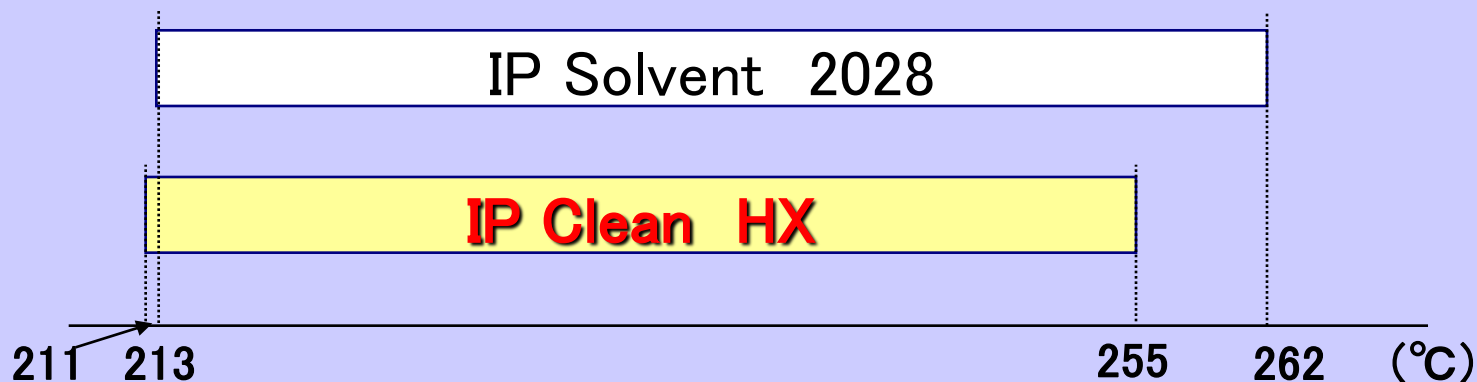
(4) Distillation Range

The distillation range of **IP Clean** is **narrower** than IP Solvent.

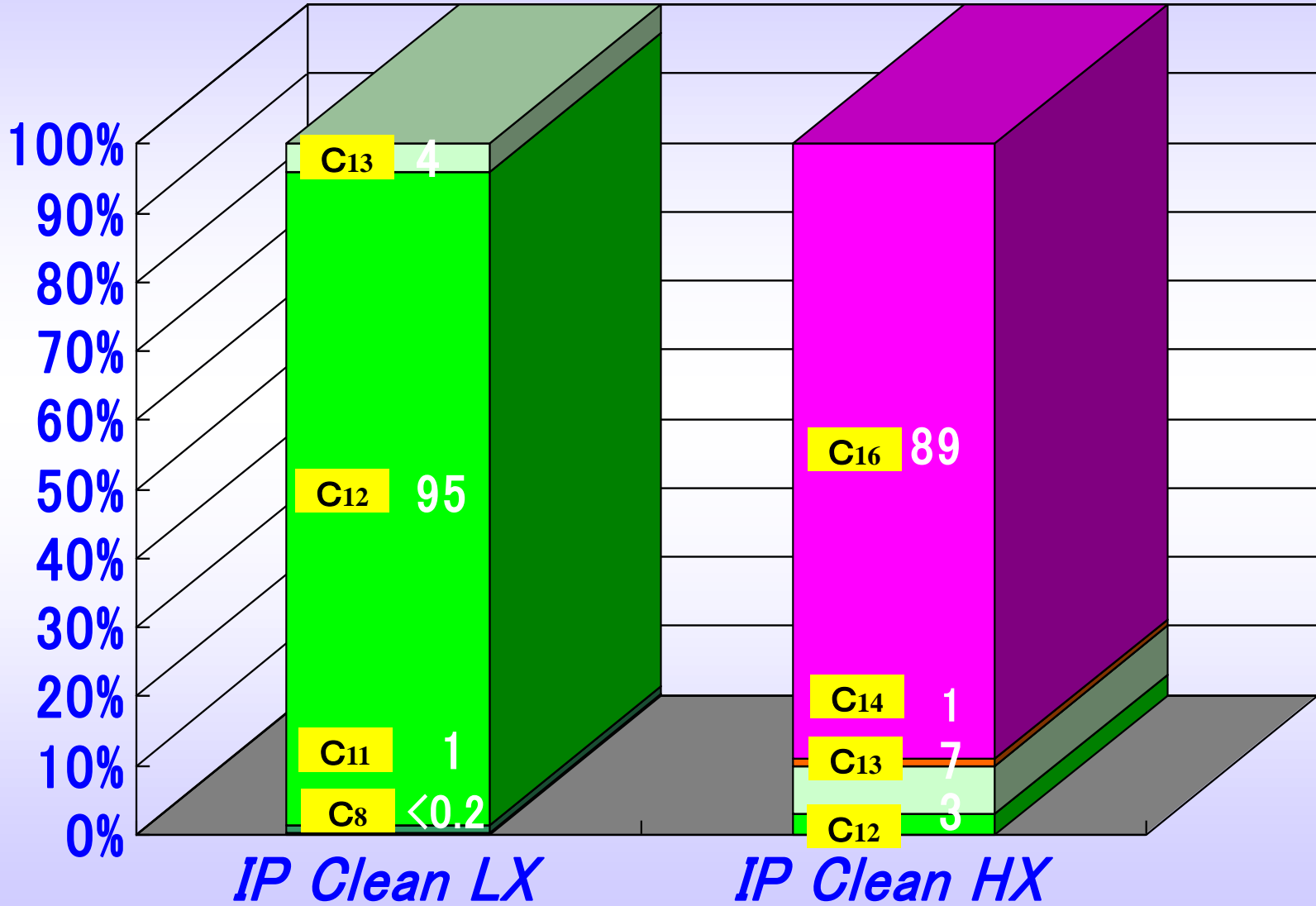
Range (36°C → 21°C)



Range (49°C → 44°C)



(5) Component



- Data in this Catalogue shows sample figures measured under certain specific conditions.
- Usage of products in this Catalogue does not warrant the successful results of applications of the product for specific usage.
- In case of product being used for purpose and usage introduced in this Catalogue, please pay attention to industrial property rights of third party which may relate to such use.