

Aroclor 1260 Light yellow solid sticky resin	Aroclor 1262 Light yellow sticky clear resin	Aroclor 1268 White to off-white powder	Aroclor 4465 Light yellow, clear, brittle resin	Aroclor 5442 Yellow trans- parent sticky resin	Aroclor 5460 Clear, yellow- to-amber, brittle resin	Aroclor 2565 Black, opaque, brittle resin
50 max. (APHA)	50 Max. (APHA)	1.5 Max. NPA (molten)	2 Max. NPA (molten)	2 Max. NPA (molten)	2 Max. NPA (molten)	-
0.014	0.014	0.05	0.05	0.05	0.05	1.4
0.00067 (20°-100°C)	0.00064 (25°-65°C)	0.00067 (20°-100°C)	0.00061 (25°-65°C)	0.00123 (25°-99°C)	0.00179 (25°-124°C)	0.00066 (25°-65°C)
1.555-1.566 (90°/15.5°C) 13.50	1.572-1.583 (90°/15.5°C) 13.72	1.804-1.811 (25°/25°C) 15.09	1.670 (25°/25°C) 13.91	1.470 (25°/25°C) 12.24	1.670 (25°/25°C) 13.91	1.734 (25°/25°C) 14.44
385°-420°	395°-425°	435°-450°	230°-320° at 4 mm. Hg.	215°-300° at 4 mm. Hg.	280°-335° at 5 mm. Hg.	-
0.5 to 0.8 0.0 to 0.1	0.5 to 0.6 0.0 to 0.1	0.1 to 0.2 0.0 to 0.06	0.2 to 0.3 0.0 to 0.02	0.2 0.01	0.03 1.5 to 1.7 (at 260°-5 hrs.)	0.2 to 0.3 -
None	None	None	None	247° 477°	None	None
None	None	None	None	> 350° > 662°	None	None
31°	35°-38°	-	-	46°	-	-
88°	99°	-	-	115°	-	-
-	-	150° to 170° (hold pt.)	60° to 66°	46° to 52°	98° to 105.5°	66° to 72°
-	-	302° to 338° (hold pt.)	140° to 151°	115° to 126°	208° to 222°	149° to 162°
1.647-1.649	1.6501-1.6517	-	1.664-1.667	-	1.660-1.665	-
72-78	86-100	-	90-150 (266°F or 130°C)	300-400	-	-
3200-4500	600-850 (160°F or 71°C)	-	-	-	-	-
-	-	-	-	-	-	-
10,000**	11,300**	10,900**	16,000**	10,600**	19,200#	6,310#
> 1260**	> 1260**	> 2510###	> 2000**	> 1260**	> 7940#	> 2000###
< 3160**	< 3160**	< 3160**	< 3160**	< 2000**		< 3160**

20% soln. in corn oil 10% soln. in corn oil

General Physical Properties of the Aroclor® Chlorinated Compounds

Form	Aroclor 1221 Colorless mobile oil	Aroclor 1232 Practically colorless mobile oil	Aroclor 1242 Practically colorless mobile oil	Aroclor 1248 Colorless to light yellow- green, clear, mobile oil	Aroclor 1254 Light yellow viscous oil
Color	50 Max. (APHA)	50 Max. (APHA)	50 Max. (APHA)	50 Max. (APHA)	50 Max. (APHA)
Acidity - Maximum (Mgm. KOH per Gm.)	0.014	0.014	0.010	0.010	0.010
Average Coefficient of Expansion - cc/cc/°C	0.00071 (15°-40°C)	0.00073 (25°-100°C)	0.00068 (25°-65°C)	0.00070 (25°-65°C)	0.00066 (25°-65°C)
Typical Density Specific Gravity Pounds per gallon - 25°C(77°F)	1.182-1.192 (25°/15.5°C) 9.85	1.270-1.280 (25°/15.5°C) 10.55	1.381-1.392 (25°/15.5°C) 11.50	1.405-1.415 (65°/15.5°C) 12.04	1.495-1.505 (65°/15.5°C) 12.82
Distillation Range - ASTM D-20 (Mod.) Cent. °C	275°-320°	290°-325°	325°-366°	340°-375°	365°-390°
Evaporation Loss - % - ASTM D-6 Mod. 163°C 5 hrs. 100°C 6 hrs.	— 1.0 to 1.5	— 1.0 to 1.5	3.0 to 3.6 0.0 to 0.4	3.0 to 4.0 0.0 to 0.3	1.1 to 1.3 0.0 to 0.2
Flash Point - Cleveland Open Cup °C °F	141°-150° 286°-302°	152°-154° 305°-310°	176°-180° 348°-356°	193°-196° 379°-384°	None
Fire Point - Cleveland Open Cup °C °F	176° 349°	238° 460°	None*	None	None
Pour Point - ASTM D-97 °C °F	Crystals at 1°C Crystals at 34°F	-35.5° -32°	-19° 2°	-7° 19.4°	10° 50°
Sulfurating Point - ASTM E-28 °C °F	— —	— —	— —	— —	— —
Refractive Index - D-line - 20°C	1.617-1.618	1.620-1.622	1.627-1.629	1.630-1.631	1.639-1.641
Viscosity - Saybolt Universal 210°F (98.9°C) Sec (ASTM - D-88)	30-31	31-32	34-35	36-37	44-48
130°F (54.4°C)	35-37	39-41	49-56	73-80	260-340
100°F (37.8°C)	38-41	44-51	82-92	185-240	1800-2500

*Highly volatile - No fire point or boiling temperature.

Crat. LD₅₀-rats (approx.)

Skin M.D.-rabbits (mg/kg)

Subcutaneous

3980* 4470* 8650* 11,000* 11,900*

>2000* >1260* >794* >794* >1260*

<3460* <2000* <1260* <1260* <2000*

*Diluted ** as indicated as 50% soln. in corn oil # 33/33 in corn oil

MCM 072705