TRICHLORO-TETRACHLOROBENZENE BLEND

GENERAL CHARACTERISTICS (AS RECEIVED)

Physical Properties:

Viscosity, 37.8°C. S.U.S.	30" + 2
Specific Gravity 15.5/15.5°C.	1.515 - 1.525
Last Crystal Point°C.	0 maximum
Fire Point (open cup)°C.	None to boiling point
Color APHA	15 maximum
Condition	Clear
1st drop	210 minimum
5% (by volume)	215 minimum
65%	228 minimum
90%	255 minimum
95%	262 maximum
Dry Point	278 maximum
Refractive Index, 25°C.	1.5775 - 1.5790
Crystallizing Point °C.	-15 maximum

Chemical Properties

Acidity (MgKOH/g.)	.014 maximum
Free chlorides, p.p.m.	.10 maximum

Corrosion test (6 hours at 210 ± 10°C. plus aluminum)

After heating with aluminum for six hours at 210 ± 10°C., the aluminum must not be corroded either on visual or weight inspection, and the Pyranol should meet the following specification:

Color, APH	100 maximum
Acidity (MgKOH/g.)	.014 maximum
Free Chlorides, p.p.m.	.10 maximum
Condition	Clear

Water Content, p.p.m.	75 maximum

Electrical Properties:

Dielectric strength KV at 25°C.	30 minimum
Dielectric constant, 1000 cycles, 25°C.	4.8 - 5.0

Composition (weight %)

1,2,3,4 tetrachlorobenzene	26.0 to 29.0%
1,2,4,5 tetrachlorobenzene	3.0% maximum
Pentachlorobenzene	5.0% maximum
Trichlorobenzene	58.5% minimum

Copies 4/28/53
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