PITTSFIELD WORKS LABORATORY

IRS TEST REPORT NO. A-[illegible] | REQ. OR LOT NO. | REPORT BY / APPROVED BY: Marjorie L. Watkins / W. M. Clark

MATERIAL: 1476 Pyranol | SUPPLIER: Monsanto Chemical Co.

SAMPLE	Lot #1224		Lot #1227		Lot #1224		SPECIFICATIONS
AMOUNT	Advance	Certificate	Advance	Certificate	Advance	Certificate	
DATE RECEIVED	[illegible]	1-29-43	2-27-43	3-12-43	3-1-43	3-24-43	
VISCOSITY 38.9°C	45"	45.5"	45"	45.6"	45"	46.7"	44" - 48"
SPECIFIC GRAVITY 25°/15.5°C	[illegible]	1.390	1.390	1.391	1.[illegible]	1.391	[illegible] - 1.396
COLOR (A.P.H.)	80 APH	90APH	80 APH	90APH	90APH	75 APH	[illegible] max.
ACIDITY (mg NaOH/g)	.02-	.02-	.02-	.02-	.02-	.01-	.03 max.
WATER CONTENT	[illegible] ppm	30 ppm	26 ppm	35 ppm	21 ppm	26 ppm	35 ppm max.
CONDITION	clear	clear	clear	clear	clear	clear	clear
REFRACTIVE INDEX (25°C)	1.[illegible]	1.6381	1.6378	1.6386	1.6377	1.6380	[illegible] ± .0010
CHLORIDE ION (P.P.M.)	.1-	.10	.10	.1-	.1-	.1-	.15 max.
POUR POINT (°C)	[illegible]	[illegible]	11°	12°	11°	12°	[illegible] -6°
DISTILLING RANGE (CORRECTED)							
RESISTIVITY (100°C OHMS/CM³)							
DIELECTRIC STRENGTH (25°C)							
CORROSION TEST	passes	passes	passes	passes	passes	passes	must pass

REMARKS AND CONCLUSIONS

DSW 330999

1476 Pyranol has been approved.

COPIES TO: FGS; WHS; EJF; RG; JHS; YMC-HLN; TH Whitlock(Monsanto); DATE: 3/22/43

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