

UNION CARBIDE, CHEMICALS AND PLASTICS
LABORATORY MANUAL
SPECIFICATION

Code 20041

1-44C.QP4400H-1c

19096 00

October 15, 1971

"CELLOSIZ" HYDROXYETHYL CELLULOSE QP-4400-H

	<u>Specification Limits</u>	<u>Method</u>
1 <u>Viscosity of a 2</u> <u>per cent aqueous</u> <u>solution, cps,</u> <u>Brookfield Model LVF</u> <u>No. 4 spindle at</u> <u>60 rpm</u>	4801 to 5400 at 25°C (dry basis)	1B-44C-0
2 <u>Water insolubles</u>	0.8 per cent by weight, maximum	1B-44C-0
3 <u>Volatiles as</u> <u>packaged</u>	5.0 per cent by weight, maximum	1B-44C-0
4 <u>pH of a 2 per cent</u> <u>aqueous solution</u>	6.0 to 7.0 at 25°C	1B-44C-0
5 <u>Hydration time of a</u> <u>2 per cent aqueous</u> <u>solution</u>	40 to 60 minutes	1B-44C-0
6 <u>Ash</u>	3.0 per cent by weight, maximum, as sodium carbonate	1B-44C-0
7 <u>Particle size</u>	95 per cent, minimum, shall pass through a 20-mesh sieve. 85 per cent, minimum, shall pass through a 40-mesh sieve.	1B-44C-0

PLAINTIFF'S EXHIBIT

BOND-82

RESEARCH AND DEVELOPMENT DEPARTMENT
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