

# Erratum

## Preparation and Application of Low Molecular Weight Poly(vinyl chloride). I. Preparation and Thermal Stability

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1. Table I, on p. 750, should read:

**Table I** Synthesis of LMW-PVC

Sample No.	Chain Transfer Agent (mol/mol-VC) × 10	Temperature (°C)	Time (h)	Yields (%)	$P_w$	Discoloration Time (min)	$\Delta E$
1	—	60	3.5	72.8	830	95	—
2	—	70	3.5	78.8	580	55	—
3	—	80	2.5	75.0	470	30	—
4	BMC 0.64	60	3.0	62.5	480	15	34
5	OMC 0.64	60	3.0	67.2	360	35	38
6	DMC 0.13	60	3.0	69.3	460	85	29
7	MCH 0.37	60	3.0	36.9	420	20	31
8	MET 0.13	60	3.0	61.9	469	95	20
9	MIZ 0.24	60	3.0	13.9	530	60	7
10	TGR 0.25	60	3.0	69.1	535	95	20
11	BTP 0.41	60	3.0	23.6	470	90	32

VC: 7.5 mol/L H<sub>2</sub>O. Polymerization initiator: *t*-butylperpivalate, 0.04 mol/L-VC, BMC: *n*-butylmercaptan, OMC: *n*-octylmercaptan, DMC: dodecylmercaptan, MCH: mercaptocyclohexan, MET: 2-mercaptoethanol, MIZ: mercaptoimidazole, TGR:  $\alpha$ -thioglycerol, BTP: *t*-butyl thiophenol.

2. The sentence on p. 751, line 10, should read:

Discoloration time of Nos. 1–3 decreases with increasing polymerization temperature.