

Erratum to: Potential of Lignin as Antioxidant for Thermoplastics and Other Materials

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During the final stage of production of this article, Tables 3 and 4, shown below, were accidentally omitted from the article. They have now been reintroduced.

Table 3. Effect of SW lignins on mechanical properties of PP after 500h UV ageing.

Material	Tensile strength (MPa)*	Modulus, (GPa)*	Strain at break (%)*
PP	31.0 ± 0.7	1.62 ± 0.10	542
PP 500 h UV	20.5 ± 1.7	1.17 ± 0.13	5.2
PP + Ref-PAO + SAO	31.0 ± 0.2	1.40 ± 0.06	506
PP + Ref-PAO + SAO 500h UV	23.4 ± 0.4	1.29 ± 0.19	7.7
PP + SW-Kraft1	31.4 ± 1.1	1.71 ± 0.11	625
PP + SW-Kraft1 500h UV	27.1 ± 0.5	1.45 ± 0.17	13.1
PP + SW-Kraft1-HighMW	31.3 ± 0.5	1.68 ± 0.21	575
PP + SW-Kraft1-HighMW 500h UV	26.3 ± 0.4	1.49 ± 0.13	10.9
PP + SW-Kraft1-MedMW	31.7 ± 0.3	1.73 ± 0.09	524
PP + SW-Kraft1-MedMW 500h UV	27.3 ± 0.7	1.64 ± 0.09	12.7
PP + SW-Kraft1-LowMW	30.7 ± 0.4	1.53 ± 0.07	573
PP + SW-Kraft1-LowMW 500h UV	26.9 ± 0.5	1.48 ± 0.08	11
PP + SW-CatLignin	31.1 ± 0.7	1.63 ± 0.11	542
PP + SW-CatLignin 500 h UV	26.8 ± 0.1	1.47 ± 0.11	13.8

* Lignin results without secondary antioxidant

Table 4. Oxidation induction times (OIT) of PP with lignins.

Material	OIT without SAO (min)	OIT with SAO (min)
PP (ref without AOs)	29.1	-
PP + Ref-PAO + SAO		35.2
PP + SW-Kraft1	35.6	34.9
PP + SW-Kraft1-HighMW	35.7	32.4
PP + SW-Kraft1-MedMW	36.7	41.0
PP + SW-Kraft1-LowMW	37.4	41.2
PP + SW-CatLignin	33.1	39.6

The online version of the original article can be found under <https://www.lignin-society.jp/pdf/lignin1/11-19.pdf>.