

## Manuscript check-list

Before uploading your manuscript please ensure it satisfies the following basic requirements.

*Manuscripts failing these requirements will be un-submitted without review.*

1. Is the manuscript written in good quality English (written or checked by a fluent English speaker)?
2. Is the manuscript clearly structured and free of repetition, with all material in appropriate sections?
3. Does the manuscript provide sufficient details of methods and materials that the work could be repeated by another researcher?
4. Is the literature review fully up to date including papers recently published in PTS and other journals? Note that pre-print publication is offered by most publishers (in Early View for PTS ).
5. Is the manuscript free of descriptions of work outside the scope of results and conclusions?
6. Are all data reported in SI (metric) and derived units?
7. Are all numeric values stated to an appropriate number of significant figures (usually 2 or 3 are appropriate, more than 3 is rarely appropriate)? Examples of numbers rounded to three significant figures are:

12345.6	12300
12.3456	12.3
0.123456	0.123
8. Are results given appropriate statistical analysis?
9. Does the manuscript have clear objectives stating why the work was done (not what was done) and conclusions which answer the objectives and state what was learned (not re-stating the results)?
10. Are the results of the study meaningfully interpreted and can they be applied to other materials or situations?

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## Manuscript check-list (continued)

Please note specifically:

- PTS requires manuscripts on new materials (for example biopolymers, nanotechnology, composite materials, antimicrobial materials, etc.) to demonstrate relevance to packaging. This should be achieved by actual packaging experiments or by demonstrating the applicability of the material in packaging applications. Such papers should propose alternatives to existing packaging materials or improve the quality and/or shelf life of given products. Comparison of obtained properties with existing materials that the development intends to replace/complement or evaluation of relevant properties regarding product protection are prerequisites for manuscript acceptance. Studies of single properties, such as antimicrobial activity, are acceptable where other key performance parameters that the material might or might not fulfil are discussed in detail. This includes potential food safety issues and impacts on the organoleptic properties of the food. Environmental claims, such as reduced environmental impacts, biodegradability and/or compostability, must be supported by data or references to the published literature; potential effects of compositional differences should also be discussed (for example, the effects of antimicrobial activity on biodegradation/compostability). Buzzwords, such as “green,” “eco-friendly,” “sustainable” or others must be avoided.

*For additional supporting information please see the editorial: Wyser Y, Shires D. Increasing the quality and impact of manuscripts in the field of new materials. Packag Technol Sci. 2018. <https://doi.org/10.1002/pts.2414> (free access on-line)*

- Manuscripts presenting studies of vibration in distribution environments should provide statistical data for the variability of vibration intensity through the journey including kurtosis and the intensity probability distribution. The data should be presented such that they can be applied using any of the more recent packaging vibration test methods.
- Manuscripts presenting mathematical models should include validation of the model by experimental results, or reference to other work.
- Manuscripts concerning the packaging of specific products should be submitted as short communications with a maximum of 2500 words and 3 tables, charts or illustrations. Full manuscripts will be accepted where they provide new understanding applicable beyond the specific product reported.
- PTS only publishes manuscripts concerned with direct food coatings where they are evaluated as part of a system which includes appropriate packaging (to fulfil the main packaging functions associated with the storage, distribution and / or retailing of foodstuffs).