

PVC INGREDIENTS LISTING PROGRAM



NSF International is the plastic industry's leading testing and certification organization, with proven experience in listing diverse types of PVC ingredients.

FAST-TRACK MARKET ACCESS

As a PVC ingredient supplier, obtaining access to pipe and fitting manufacturers can be challenging, especially in foreign markets. Obtaining NSF listings for PVC ingredients eases this path and allows for more direct access to global pipe and fitting manufacturers.

Initiated by the Plastics Pipe Institute Hydrostatic Stress Board (PPI HSB) in the mid-1980s, the PVC range composition listing defines key ingredients and their respective allowable use levels for the production of PVC pipe (reference PPI TR-2 Table 1). NSF-listed ingredients meet these criteria and have also been evaluated for physical properties and performance as well as for material safety according to NSF/ANSI 61.

NSF International maintains this comprehensive group of listed ingredients in accordance with its plastics program certification policies. This list of over 500 ingredients is being used by more than 100 of the industry's top PVC pipe and fittings producers in both North American and international markets.

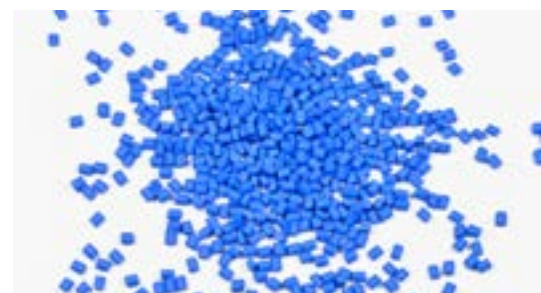
ADVANTAGES FOR YOU



Being an NSF-listed PVC ingredient manufacturer means having immediate market access to top producers around the globe. You can also benefit from simpler NSF approvals for other types of products that are made with your ingredients.



For PVC pipe manufacturers, the use of NSF-listed ingredients provides quick sourcing of alternative PVC ingredients and allows for increased formulation flexibility and in most cases without any further testing or evaluation.



LISTED INGREDIENT CATEGORIES

The PPI PVC range composition includes various PVC ingredient categories:

- PVC resins
- Heat stabilizers
- Calcium stearates
- Calcium carbonates
- Paraffin waxes
- Functionally equivalent ingredients
- Polyethylene waxes
- Titanium dioxides
- Processing aids
- Colorants
- Ingredient packages

Ingredient qualification in the PPI PVC range composition is granted by the PPI HSB per the policies and procedures in PPI TR-2. Testing and maintenance for NSF-listed ingredients is performed exclusively by NSF, the leading testing and certification organization in the PVC industry. All NSF-listed ingredients must successfully meet some or all the requirements for:

- > Physical properties (cell class)
- > Pipe performance
- > Long-term hydrostatic stress testing
- > Chemical extraction to show compliance with health effects criteria of NSF/ANSI 61
- > A production facility audit

BENEFITS OF WORKING WITH NSF TO LIST YOUR PVC INGREDIENTS

- > Dedicated, highly trained account managers who focus on the success of your product listing
- > Unmatched technical expertise
- > State-of-the-art laboratories
- > Use of the internationally recognized and accepted NSF mark
- > Online project tracking, allowing 24/7 visibility of your project status
- > Market access to PVC pipe and fittings industry

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E americas@nsf.org | E europe@nsf.org | E middleeast@nsf.org | E asia@nsf.org | www.nsf.org