

# Washington Penn Plastic

## Non-Halogenated Flame Retardant Technology

**Product Description:** Washington Penn Plastic's Non-Halogenated Flame Retardant (FR) Technology is raising the bar in providing environmentally-friendly alternatives to regulatory challenged FR systems. This technology is custom designed specifically for a variety of polypropylene products, including glass reinforced, mineral reinforced, TPO compounds, masterbatches, and unfilled polypropylene. Washington Penn Plastic's Non-Halogenated FR Technology is ideal for industries seeking to improve sustainability and eliminate halogens in applications requiring flame retardants.

### Typical Applications:

- Vehicle Interiors
- Roofing & Shingles
- Office Furniture
- Electronics
- Appliance
- Medical Devices
- Building Interiors

### Key Characteristics:

- Halogen Free
- Low Smoke
- Low Toxicity
- CAL133 Performance
- RoHS Compliant
- Potential Density
- UL Approvals
  - UL94, HB, VO, 5VA

Washington Penn Plastic custom formulates materials to meet a variety of flammability standards and structural specifications for a variety of markets including: Appliance, Building & Construction, Office Furniture, Consumer Products and more. These non-halogenated flame retardant chemistries are RoHS compliant and may lower smoke generation and toxicity in comparison to brominated flame retardant formulations. Washington Penn non-halogenated products can be engineered to provide a density benefit over some mineral filled brominated flame retardant options, while matching existing tool shrinkage and performance characteristics. Please contact us to learn how WPP can customize a **non-halogenated FR** solution to meet your application needs.

Washington Penn Plastic Co., Inc. is a leading provider of polypropylene and polyethylene-based compounds. For more than 60 years, WPP has worked with customers to discover, innovate, and develop practical polyolefin solutions.

## Key Technologies & Offerings:

- Mineral Reinforced
- Glass Fiber Reinforced
- TPO
- Soft Touch TPE
- Pro-Touch™
- Masterbatches
- Light Weight & Sustainable Reinforcing Agents
- Flame Retardants
- UV Stabilization
- Custom Colors
- Scratch & Mar

## Markets We Serve:



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