

# Bayblend® MTR and MTR-HP1

## Low FST Thermoplastics Sheet

- **BAYBLEND MTR** is a flame retardant thermoplastic sheet ideal for mass transportation applications
- Unique combination of flammability characteristics, robust mechanical properties, and ease of fabrication
- Complies with the flammability and smoke emission requirements listed in DOT: 49 CFR 238, Appendix B
- Meets the criteria for Toxic Gas Generation in the Bombardier Transportation Standard SMP 800-C and Boeing Standard BSS 7239
- **BAYBLEND MTR-HP1** is a high performance grade that meets the same standards as BAYBLEND MTR
- Built-in surface protection provides enhanced resistance to graffiti, stains, and solvents



## Designed-In Savings

- **BAYBLEND MTR** density is lower than PVC sheet materials, providing up to 20% weight savings
- High modulus of **BAYBLEND MTR** allows for thinner walled part designs while maintaining rigidity
- Combined savings of these features can equate to part weight reduction of over 30%
- Thermoforming cycle time reductions of up to 60% can be achieved as compared to PVC
- **BAYBLEND MTR** is fully recyclable

## Easy to Process

- Processes on conventional thermoforming equipment and tooling at moderate temperatures similar to ABS
- Secondary fabrication using conventional equipment and techniques
- Assemble with adhesives or fasteners
- Can be painted or laminated for decoration or protection from abuse

## Applications

- Thermoformed rail interior parts such as seating components, wall cladding, window masks, and ceiling panels
- Exterior components such as fascia, fenders, trim, and bumpers

## Disclaimer

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A Bayer MaterialScience LLC Business

Sheffield Plastics Inc. • 119 Salisbury Road • Sheffield, MA 01257 • Toll Free: 800.254.1707 • Fax: 800.457.3553  
[www.sheffieldplastics.com](http://www.sheffieldplastics.com) • [info@sheffieldplastics.com](mailto:info@sheffieldplastics.com)

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