

PROFILE/SHEET EXTRUDER

RAILS AND KICK PLATES

AVIENT SOLUTION

Cesa™ MAX Flame Retardant Additives

WHY AVIENT?

- Provided non-halogenated flame retardant platform, backed by extensive application and industry expertise, to meet global flammability standards
- Has largest UL94 recognized Prospector membership with HB, V-0, V-1, V-2 and 5VA/5VB ratings, and broad glow wire performance products
- Included in-house UL certified labs and manufacturing locations to perform UL94 material sampling and testing
- Supported application development to meet fire safety standards, address current or emerging healthy building codes, smart home requirements, and LEED credits
- Offered custom formulations in small lot quantities

KEY REQUIREMENTS

- Convert existing PVC profile and sheet rails and kick plates to polyethylene resin to meet Class A fire safety (ASTM E84)
- Provide a system that meets healthy building certifications and approvals
- Utilize a more sustainable flame retardant technology, removing brominated or halogenated flame retardants from the environment
- Achieve non-compromising performance in aesthetics, impact, dimensional stability, CLTE, and E84 testing