TRACTOR TRAILER OEM
CARGO TRAILER SIDEWALLS

KEY REQUIREMENTS

• Suitable CFA design for PE sheet extrusion in layered, metal-laminated inner sidewall panels
• Improved fuel economy and reduced trailer tare weight
• Uncompromised outdoor durability and part strength
• Reduced polymer usage while maintaining physical and dimensional requirements

AVIENT SOLUTION
Hydrocerol™ Chemical Foaming Additives (CFAs) and Cesa™ Nucleant Additives

WHY AVIENT?

• Delivered significant 20% part weight reduction with CFA solution
• Provided formulation to enhance throughput, leading to a 43% overall cost reduction
• Created value beyond initial technical challenge with a credible problem solving approach
• Enhanced performance with excellent sidewalls, uniform foamed plastic core, superior flatness, and rigidity

LEARN MORE

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