

Plastics & Specialty Chemicals

Supply Chain Horizons 2025 Industry Fact Sheet

Supply chain in the plastics and specialty chemicals industry is a complex and dynamic network; and in recent years, it has faced significant challenges, including disruptions due to regulatory compliance, environmental concerns, and raw material constraints. The Supply Chain Horizons Market Report 2025* found that despite these hurdles, the industry continues to evolve, driven by the need for greater efficiency, sustainability, and resilience.

Artificial intelligence (AI) and cloud-based solutions are playing pivotal roles in enhancing supply chain visibility, improving demand forecasting, and optimizing inventory management. Notably, the plastics and specialty chemicals industry has room to grow, with average performance of 52% for forecast accuracy and 49% for on-time-in-full orders. However, opportunity abounds as supply chain leaders have improving talent retention and optimizing operational performance as key drivers for their supply chain digital transformations. The horizon is bright for the industry with a focus on improving speed and agility followed by GenAI/AI/ML implementation sitting at the top of leadership priorities.

Supply Chain Challenges

42%

Managing costs
/ensuring efficiency


40%

Organizational
silos/lack of internal
visibility across our
supply chain

33%

Supplier visibility
and third-party
collaboration

Key Performance Indicators

 **52%**
Forecast
accuracy

 **49%**
Perfect orders/
on time in full

 **16%**
Profitability

 **39**
Net promoter
score

 **46**
Inventory turns
(days)

Digital Transformation Drivers

Improve operational performance

 **60%**

Improve talent retention

 **48%**

Responding to increasing disruptive events

 **40%**

Most Cited Use Cases for GenAI

Inventory optimization

 **40%**

Transportation/logistics

 **38%**

Risk management

 **35%**

Priorities (Long Term)

Implement or increase use of GenAI/AI/ML

 **45%**

Improving speed and agility

 **30%**



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About Logility, an Aptean company

Logility's AI-first supply chain management software helps organizations build sustainable digital supply chains that improve people's lives and the world we live in. Our fully integrated, AI-driven end-to-end platform helps clients know faster, turn uncertainty into opportunity, and transform supply chain from a cost center to an engine for growth. ©2025 Logility, Inc. and its affiliates. All rights reserved. <https://www.logility.com/white-papers/sc-horizons-2025-market-report/>

*This report is based on independent research conducted by Vanson Bourne on behalf of Logility. References to this report and included results, excluding those with third-party citations, should be credited to "The Logility Supply Chain Horizons 2025 Market Report".