

ASEAN ABS Engineering Plastics Industry Research Report 2026-2030

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Abstracts

ABS engineering plastic is a thermoplastic polymer copolymerized from three monomers: acrylonitrile, butadiene, and styrene. It is one of the most widely used general-purpose engineering plastics.

It is widely used in sectors such as automotive, home appliances, electronics and electrical equipment, consumer goods, and industrial components.

The upstream raw materials for ABS primarily include acrylonitrile, butadiene, and styrene. The midstream segment involves polypropylene production, where enterprises utilize catalytic polymerization technology to convert propylene into various grades of PP resin. Downstream processing involves manufacturing end products through methods such as injection molding, extrusion, spinning, and blow molding.

ASEAN is a key regional cooperation organization in Southeast Asia. Its eleven member states are Indonesia, Malaysia, Singapore, Thailand, the Philippines, Vietnam, Cambodia, Laos, Myanmar, Brunei, and Timor-Leste. With a combined population exceeding 680 million and an aggregate economy surpassing US\$3 trillion, the region has become a major hub for global supply chain relocation, manufacturing investment, and consumption growth.

Overall demand for ABS engineering plastics in the ASEAN market is experiencing moderate growth, driven primarily by the upgrading of home appliances, the expansion of consumer electronics, the localization of the automotive industry, and the shift of manufacturing operations to Southeast Asia.

According to CRI's analysis, compared to polyolefins, ABS is an engineering plastic with

higher technical barriers to entry. Large-scale production capacity within the region is relatively insufficient, and high-end ABS products, in particular, still rely primarily on imports.

According to estimates by CRI, the market size is projected to reach approximately US\$ 1.3 billion (around 850,000 tons) in 2026, with a projected compound annual growth rate (CAGR) of around 4.2% from 2026 to 2030.

CRI recommends that global ABS resin producers, modified engineering plastics companies, major international petrochemical enterprises, private equity (PE) funds and venture capital (VC) firms conduct timely market research on the ASEAN region to prepare for their strategic entry into the ASEAN ABS Engineering Plastics market.

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