



Santoprene® TPV: The Smarter Alternative to EPDM



Santoprene® TPV delivers the elasticity and durability of EPDM rubber while offering the processing advantages of a thermoplastic. Manufacturers can achieve up to 50% cost savings, faster cycle times, part weight reduction, reduce energy consumption, and improved operational efficiency while maintaining weather/UV resistance, compression set, flexibility, and long-term sealing performance.

Why Choose Santoprene® Over EPDM?

Cost Savings

Up to 50% cost savings.

Thermoplastic Processing (No Vulcanization)

Enables faster, simpler production and in-process recyclability, unlike EPDM which cannot be reprocessed.

Lower Energy & Shorter Cycles

Less processing time leads to quicker production and reduced energy use.

Lightweighting Potential

Lower specific gravity than EPDM.

Rubber-Like Performance

Excellent compression set, weathering/ozone/UV resistance.

Design & Integration

Supports part consolidation, enhanced colorability and overmolding to various substrates.

Driving Sustainability

Post-Consumer Recycle

Santoprene TPV ECO-R incorporates postconsumer recycle. Maintaining quality and lot-to-lot consistency.

Easy to Recycle

Santoprene can be reprocessed where thermoset EPDM cannot. High level of regrind. In-house recycling.

Lower CO2 Emissions

Estimated up to 59% lower carbon footprint vs. EPDM in extruded seals. Rubber-like performance with up to 30% less material density. Weight reduction potential to reduce fuel consumption or increase EV range. CO2 footprint values available upon request.

Engineered for Diverse Markets

Santoprene® TPV opens new possibilities for OEMs seeking a high-performance alternative to EPDM rubber. Its unique combination of rubber-like flexibility and thermoplastic processability enables innovative designs, streamlined manufacturing, and improved sustainability across diverse industries. From automotive to consumer products, Santoprene® TPV delivers durability and efficiency where traditional rubber falls short.



Building & Construction

Window & door seals, expansion joints, rail pads & plates, water stops.

Industrial

Gaskets & grommets, seals, rollers, hose/tubing, casters.

Automotive

Weather strips & seals, cooling hoses for EVs, fluid transfer systems, glass encapsulation systems.