

# Santoprene™ 123-52W242

## Thermoplastic Vulcanizate

### Product Description

A hard, black thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material has low friction resistance and is especially designed for slip-coating materials in weatherseal applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for extrusion. It is polyolefin based and recyclable within the manufacturing stream.

### Key Features

- Designed for applications requiring excellent wear resistance, excellent weather resistance or part surface with low friction factor.
- Co-extrudable with other olefin thermoplastic rubbers.
- Designed for excellent surface smoothness and flexibility as slip-coating material.

### General

Applications	▪ Automotive - Seals and Gaskets ▪ Automotive - Weather Seals ▪ Pipe Seals - Non Automotive
Uses	▪ Automotive Applications ▪ Automotive Exterior Trim ▪ Outdoor Applications
RoHS Compliance	▪ RoHS Compliant
Color	▪ Black
Form(s)	▪ Pellets
Processing Method	▪ Coextrusion

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density / Specific Gravity	0.950	0.950	ASTM D792
Density	0.950 g/cm <sup>3</sup>	0.950 g/cm <sup>3</sup>	ISO 1183

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Shore Hardness			ISO 868
Shore D, 15 sec, 73°F (23°C)	52	52	

