

# SANTOPRENE® 123-52W242

### **SANTOPRENE®**

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

#### Product information

Resin Identification TPV ISO 1043
Part Marking Code >TPV< ISO 11469

### Typical mechanical properties

Shore D hardness, 15s 52 ISO 48-4 / ISO 868

# Physical/Other properties

Density 950 kg/m<sup>3</sup> ISO 1183

#### Additional information

Processing Notes

## **Processing Notes**

Desiccant drying for 4 hours at  $65^{\circ}$ C ( $150^{\circ}$ F) is recommended. Santoprene® TPV has a wide temperature processing window from 175 to 230°C (350 to  $450^{\circ}$ F) and is incompatible with acetal and PVC.

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