

# SANTOPRENE® 8291-85TL

## SANTOPRENE®

A hard, colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is especially formulated to create multilayer constructions offering bonding to textiles, metals, fluoroelastomers and PAs. 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.

### Product information

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

### Typical mechanical properties

Tensile stress at 100% elongation, perpendicular	4 MPa	ISO 37
Stress at break, perpendicular	9.2 MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	830 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	86	ISO 48-4 / ISO 868

### Physical/Other properties

Density	900 kg/m <sup>3</sup>	ISO 1183
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### Additional information

Processing Notes

### Processing Notes

Desiccant drying for 4 hours at 70 °C (160 °F) is recommended. Santoprene® TPV has a wide temperature processing window from 185 to 260 °C (365 to 500 °F), depending on substrate conditions and residence time, and is incompatible with acetal and PVC.