

SANTOPRENE[®] 8291-85TL

SANTOPRENE®

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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 >TPV<		ISO 1043
Part Marking Code			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 ³	ISO 1183
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Additional information			

Additional information

Processing Notes

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

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Page: 1 of 1

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