

SANTOPRENE® 291-75B150

Santoprene® 291-75B150 is a colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is especially formulated to bond to PC, ABS, PC/ABS, ASA and PMMA for applications where hard/soft combinations are required. This grade of Santoprene® TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or extrusion.

Key Features

- Designed for excellent adhesion to PC, ABS, PC/ABS, ASA and PMMA (cold insert or 2K [two-shot] molding).
- Broad processing window in injection molding.
- Recommended for applications requiring superior part surface appearance.
- Designed for soft touch applications.
- UL listed: file #QMFZ2.E80017, Plastics - Component; file #QMFZ8.E80017, Plastics Certified For Canada - Component.

Typical mechanical properties

Shear Modulus	6.33 MPa	ISO 6721
Shore A hardness, 15s	78	ISO 48-4 / ISO 868
Compression set at 23°C, 24h	30 %	ISO 815
Compression set at 70°C, 24h	68 %	ISO 815

Other properties

Density	1090 kg/m ³	ISO 1183
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Injection

Melt Temperature Optimum	215 °C	Internal
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Processing Texts

Processing Notes	Desiccant drying for 3 hours at 90°C (194°F) is recommended. Santoprene® 291-XXB150 grade has processing window from 170°C to 190°C. Santoprene® TPV is incompatible with acetal and PVC.
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Other Approvals

Other Approvals	OEM	Specification
	VW Group	VW50123

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