

Proven performance for flexible engineered automotive parts

Santoprene™ thermoplastic vulcanizates (TPVs) have a successful track record for flexible, high-quality engineered parts used in a wide range of automotive applications. Combining the characteristics of vulcanized rubber with the processing ease of thermoplastics, Santoprene TPVs deliver excellent long-term performance, the potential for reduced system costs, and the possibility of sustainability benefits.

Under chassis

Steering boots
 Suspension boots
 Control cables
 Air dams

Under hood

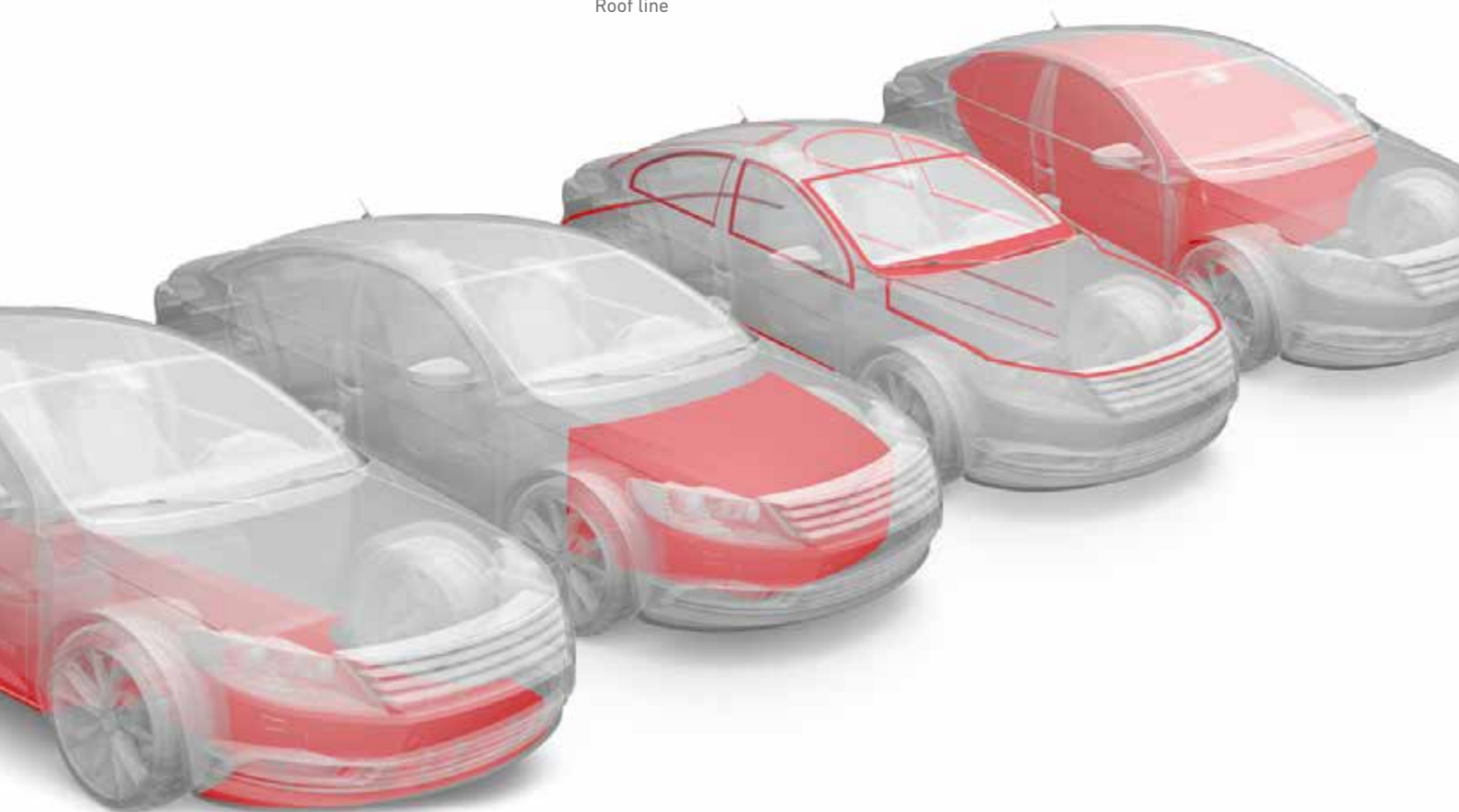
Air duct systems
 Plugs, bumpers and grommets
 Tubes and connectors
 Fuel line systems

Weatherseals

Glass encapsulation
 Inner belt line
 Outer belt line
 End cap and corner molding
 Glass run channel
 Cowl vent/Hood to cowl
 Cut line
 Gap filler
 Tailgate/trunk
 Windshield
 Sunroof
 Roof line

Interior

Flapper door seals
 Steering column cover
 Mats and cup holders
 Handles and grips
 IP to windshield gap fillers
 Thumb wheels



Santoprene™ TPV gradeslate

	Santoprene TPV Grade	Color*	Hardness	Features
Basic molding and/or extrusion	101-xx/103-xx	B	55A – 50D	<ul style="list-style-type: none"> • General purpose grades • Highest level of elastomeric properties (e.g., lowest compression/tension set)
	201-xx/203-xx	C	55A – 50D	
	8201-xx	C	60A – 90A	<ul style="list-style-type: none"> • Enhanced colorability
	8211-xx	C	35A – 75A	<ul style="list-style-type: none"> • Improved flow for easier processability • Enhanced colorability
Glass encapsulation	121-xxM200	B	60A, 75A	<ul style="list-style-type: none"> • Best flow for superior aspect parts • Higher gloss which can be tailored with mold surface
	121-xxM100	B	50A – 85A	<ul style="list-style-type: none"> • Improved flow for easier processability
	121-55W241	B	55A	<ul style="list-style-type: none"> • Improved elastic recovery for stretch assembly
Interior	121-70M350	B	70A	<ul style="list-style-type: none"> • Improved scratch and mar resistance
	8221-xxM300	C	55A-30D	<ul style="list-style-type: none"> • Improved flow for easier processability
	8211-85M350	C	85A	<ul style="list-style-type: none"> • Improved scratch and mar resistance
Extrusion	121-xxW175	B	58A-50D	<ul style="list-style-type: none"> • Designed and released against specific extrusion performance criteria
	121-60E400	B	60A	<ul style="list-style-type: none"> • High resilience grade
	9101-80E	B	80A	<ul style="list-style-type: none"> • Optimal system cost performance
	121-50E500	B	50A	<ul style="list-style-type: none"> • Controlled rheology for robotic extrusion
	161-80F260	B	80A	<ul style="list-style-type: none"> • Optimized for foaming
Slip coat	123-52W242	B	52D	<ul style="list-style-type: none"> • Low friction
Corner molding	121-xxB200	B	65A, 80A	<ul style="list-style-type: none"> • Bonds to EPDM • Higher gloss for surface matching
	121-xxB230	B	70A, 80A	<ul style="list-style-type: none"> • Bonds to TPV, EPDM and PP • Lower CoF to reduce friction
	121-xxB260	B	40A, 70A, 80A	<ul style="list-style-type: none"> • Improved bonding to TPV, EPDM and PP • Low CoF to reduce friction
Special bonding	8211-55B100	C	55A	<ul style="list-style-type: none"> • Bonds to PC, ABS, PS and other engineering thermoplastics (ETPs) • B100 grades also bond to PP
	8191-55B100	B	55A	
	291-xxB150	C	60A, 75A	
	8291-85TL	C	85A	<ul style="list-style-type: none"> • Bonds to metal and PP

* B = Black
C = Colorable

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SAN-001-AutomotiveGradeslate-EN-SS-0921