



Automotive Application Requirements	Application Examples	TPV (EPDM+PP) Technology	Attributes to Look For
Optimized balance of cost and performance	Interior: Floor mats, bin mats, cup holder liners	General Purpose TPVs: Sarlink 3100 Series	Well-balanced flow characteristics for a good surface appearance and melt elasticity
Minimal engineering requirements	<b>Chassis:</b> Body plugs, fasteners, pressure relief valves, fuel filler neck, cable ducts, steering column seal		<ul> <li>Versatile, can be processed by injection or blow molding and extrusion</li> </ul>
Consistent performance in demanding environments	<b>Under the Hood:</b> air ducts, cuffs, grommets, vibration dampening, air guides, boots and bellows	High-Performance TPVs: Sarlink 4100 Series	<ul> <li>Excellent chemical and abrasion resistance</li> <li>Low tension and compression set</li> </ul>
Increased requirements for thermal stability, chemical resistance, and exposure to mechanical stresses	Chassis: fasteners, clips, bumpers, plugs, grommets		Compression set property retention     after heat aging
			<ul><li>Low oil swell</li><li>Excellent flex fatigue resistance</li></ul>
Class A surface requirements for molded parts UV stability for the life of vehicle Retained sealing force retention over time	Sealing Systems: Window encapsulation, inner and outer belt molded end caps, close out seals, cowl vent seals Under the Hood: air guides, hood scoop seals, lip seals Exterior: antenna seals / gaskets, mirror seals / gaskets, spoiler seals	High Flow Molding TPVs: Sarlink 4700 Series	<ul> <li>High flow properties for hard-to-fill parts and a broad processing window</li> <li>UV resistance</li> <li>Low fogging</li> <li>Excellent surface appearance and aging performance</li> <li>Excellent dimensional stability (low shrinkage)</li> </ul>
Best in class surface appearance for critical class A surfaces For molded parts with long flow lengths UV stability for the life of vehicle Retained sealing force retention over time	Sealing Systems: Window encapsulation, inner and outer belts, molded end caps, close out seals, cowl vent seals Under the Hood: air guides, hood scoop seals, lip seals Exterior: antenna seals / gaskets, mirror seals / gaskets, spoiler seals)	Next Generation High Flow Molding TPVs: Sarlink 17100 Series	<ul> <li>Super high flow properties and broad processing window</li> <li>Low tool fouling and aids in the reduction of surface blemishes (gate blush, tiger striping, sink marks, etc.) resulting from less than optimized tooling</li> <li>UV resistance</li> <li>Low fogging and odor</li> <li>Excellent surface appearance and aging performance</li> </ul>
			<ul> <li>Excellent dimensional stability (low shrinkage)</li> </ul>





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Best in class lifetime UV performance for extruded seals Color-fastness Long term sealing force retention Class A surface appearance Stable flexibility performance across a broad temperature range	Sealing Systems: glass run channels, belt line seals, hood to cowl seals, roof ditch molding, door gap filler seals, lower door seals, under hood seals	High Performance Extrusion TPVs: Sarlink 5700 Series	<ul> <li>Optimum extrusion performance due to well-balanced rheological properties for a broad processing window with good melt strength</li> <li>Best in class UV stability</li> <li>Low fogging and exceptional color retention without blooming</li> <li>Optimal surface appearance due to controlled morphology</li> <li>Excellent long-term recovery behavior</li> </ul>
EPDM alternative for weather seals and under the hood applications Excellent elasticity Superior compression set and speed of recovery at room and elevated temperatures	Sealing Systems: glass run channels, belt line seals Under the Hood: air guides, hood scoop seals, lip seals, air ducts, boots and bellows Exterior: antenna seals / gaskets, mirror seals / gaskets, spoiler seals Chassis: fasteners, clips, bumpers, plugs, grommets	High Performance TPVs with Improved Elastic Recovery or "Snap": Sarlink 15700 Series	<ul> <li>Improved rebound versus standard TPVs</li> <li>Best in class UV stability</li> <li>Improved oil resistance versus standard TPVs</li> </ul>
Color matching Class A surface appearance UV resistance Color fastness	Interiors: bin mats, cup holders, buttons, knobs, grips Sealing Systems: hood to cowl seals Exterior: antenna seals / gaskets, mirror seals / gaskets, spoiler seals	High Flow, UV Stable, Colorable TPVs: Sarlink 6700 Series	<ul> <li>Lighter, natural color providing improved colorability for custom colors</li> <li>Excellent haptics</li> <li>UV resistance</li> <li>Low odor and fogging</li> <li>Non-hygroscopic; pre-drying is not necessary</li> <li>High flow properties for improved molding</li> <li>Excellent dimensional stability (low shrinkage)</li> </ul>

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