

Automotive Application Requirements	Application Examples	TPV (EPDM+PP) Technology	Attributes to Look For
<p><b>Optimized balance of cost and performance</b></p> <p>Minimal engineering requirements</p>	<p><b>Interior:</b> Floor mats, bin mats, cup holder liners</p> <p><b>Chassis:</b> Body plugs, fasteners, pressure relief valves, fuel filler neck, cable ducts, steering column seal</p>	<p><b>General Purpose TPVs:</b> <a href="#">Sarlink 3100 Series</a></p>	<ul style="list-style-type: none"> <li>Well-balanced flow characteristics for a good surface appearance and melt elasticity</li> <li>Versatile, can be processed by injection or blow molding and extrusion</li> </ul>
<p><b>Consistent performance in demanding environments</b></p> <p>Increased requirements for thermal stability, chemical resistance, and exposure to mechanical stresses</p>	<p><b>Under the Hood:</b> air ducts, cuffs, grommets, vibration dampening, air guides, boots and bellows</p> <p><b>Chassis:</b> fasteners, clips, bumpers, plugs, grommets</p>	<p><b>High-Performance TPVs:</b> <a href="#">Sarlink 4100 Series</a></p>	<ul style="list-style-type: none"> <li>Excellent chemical and abrasion resistance</li> <li>Low tension and compression set</li> <li>Compression set property retention after heat aging</li> <li>Low oil swell</li> <li>Excellent flex fatigue resistance</li> </ul>
<p><b>Class A surface requirements for molded parts</b></p> <p>UV stability for the life of vehicle Retained sealing force retention over time</p>	<p><b>Sealing Systems:</b> Window encapsulation, inner and outer belt molded end caps, close out seals, cowl vent seals</p> <p><b>Under the Hood:</b> air guides, hood scoop seals, lip seals</p> <p><b>Exterior:</b> antenna seals / gaskets, mirror seals / gaskets, spoiler seals</p>	<p><b>High Flow Molding TPVs:</b> <a href="#">Sarlink 4700 Series</a></p>	<ul style="list-style-type: none"> <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>
<p><b>Best in class surface appearance for critical class A surfaces</b></p> <p>For molded parts with long flow lengths</p> <p>UV stability for the life of vehicle</p> <p>Retained sealing force retention over time</p>	<p><b>Sealing Systems:</b> Window encapsulation, inner and outer belts, molded end caps, close out seals, cowl vent seals</p> <p><b>Under the Hood:</b> air guides, hood scoop seals, lip seals</p> <p><b>Exterior:</b> antenna seals / gaskets, mirror seals / gaskets, spoiler seals)</p>	<p><b>Next Generation High Flow Molding TPVs:</b> <a href="#">Sarlink 17100 Series</a></p>	<ul style="list-style-type: none"> <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> <li>Excellent dimensional stability (low shrinkage)</li> </ul>

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<p><b>Best in class lifetime UV performance for extruded seals</b></p> <p>Color-fastness</p> <p>Long term sealing force retention</p> <p>Class A surface appearance</p> <p>Stable flexibility performance across a broad temperature range</p>	<p><b>Sealing Systems:</b> glass run channels, belt line seals, hood to cowl seals, roof ditch molding, door gap filler seals, lower door seals, under hood seals</p>	<p><b>High Performance Extrusion TPVs:</b> <a href="#">Sarlink 5700 Series</a></p>	<ul style="list-style-type: none"> <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>
<p><b>EPDM alternative for weather seals and under the hood applications</b></p> <p>Excellent elasticity</p> <p>Superior compression set and speed of recovery at room and elevated temperatures</p>	<p><b>Sealing Systems:</b> glass run channels, belt line seals</p> <p><b>Under the Hood:</b> air guides, hood scoop seals, lip seals, air ducts, boots and bellows</p> <p><b>Exterior:</b> antenna seals / gaskets, mirror seals / gaskets, spoiler seals</p> <p><b>Chassis:</b> fasteners, clips, bumpers, plugs, grommets</p>	<p><b>High Performance TPVs with Improved Elastic Recovery or “Snap”:</b> <a href="#">Sarlink 15700 Series</a></p>	<ul style="list-style-type: none"> <li>• Improved rebound versus standard TPVs</li> <li>• Best in class UV stability</li> <li>• Improved oil resistance versus standard TPVs</li> </ul>
<p><b>Color matching</b></p> <p>Class A surface appearance</p> <p>UV resistance</p> <p>Color fastness</p>	<p><b>Interiors:</b> bin mats, cup holders, buttons, knobs, grips</p> <p><b>Sealing Systems:</b> hood to cowl seals</p> <p><b>Exterior:</b> antenna seals / gaskets, mirror seals / gaskets, spoiler seals</p>	<p><b>High Flow, UV Stable, Colorable TPVs:</b> <a href="#">Sarlink 6700 Series</a></p>	<ul style="list-style-type: none"> <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>