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Applications Asaflex™

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Asaflex™ Applications Sampler

	Typical end products	Photo	Typical formulations	Functional effects, enhancements	Recommended grades
Injection molding	Dessert cups	Photo in preparation	neat Asaflex™	Transparency, impact resistance. Low-temp. impact resistance.	Asaflex™ 805 845
	Garment hangers		neat Asaflex™	Transparency, superior balance of impact resistance and rigidity.	Asaflex™ 805 825 840
	Plastic model parts		neat Asaflex™	Enables combination of transparency and crack resistance. Softer touch than PC, acrylic, other hard plastics. Capability for PVC replacement.	Asaflex™ 810
	Shaver head cases		neat Asaflex™	Excellent engagement, optimal hardness-flexure combination; smooth, pinless closure.	Asaflex™ 805
	Camera filter cases		neat Asaflex™	Transparency, impact resistance. Excellent hinge properties.	Asaflex™ 805
	Toothbrush carrying cases	Photo in preparation	neat Asaflex™	Superior balance of transparency, impact resistance, rigidity.	Asaflex™ 805
	Goggle cases		neat Asaflex™	Superior balance of transparency, impact resistance, rigidity.	Asaflex™ 805 825
	Cosmetics caps		neat Asaflex™	Superior, high-level balance of transparency and rigidity. Excellent engagement. Excellent resistance to cracking in repeated use.	Asaflex™ 805 825

Sheet extrusion	Blister packs		Asaflex™/SC*	<p>High transparency together with high impact resistance.</p> <p>Minimal crazing or whitening at corners or edges under bending.</p> <p>Deep-drawing capability.</p> <p>Lower density than rigid PVC and PET.</p>	Asaflex™ 815 835
	Transparent drink cups		Asaflex™/GPPS Asaflex™/SC*	<p>Heightened impact resistance with no loss in transparency.</p> <p>Good cup stacking properties.</p>	Asaflex™ 835 845
	Food trays		Asaflex™/ Tufprene™/GPPS Tufprene™/GPPS	<p>Heightened impact resistance at ordinary and low temp.</p> <p>Pellet configuration, for easy blending in extruding machine.</p> <p>With both Asaflex™ and Tufprene™: outstanding deep-drawing characteristics; minimal crazing or whitening at corners or edges under deep drawing.</p>	Asaflex™ 810 815 835 845 Tufprene™ A 125 126S
	IC carrier tapes	Photo in preparation	Asaflex™/GPPS/HIPS	Superior balance of high-level transparency, softening point, impact resistance.	Asaflex™ 825 830
	Food containers		Asaflex™/Tufprene™/ GPPS Tufprene™/GPPS	<p>Heightened impact resistance at ordinary and low temp., with small-quantity Asaflex™ addition.</p> <p>Pellet configuration, for easy blending in extruding machine.</p>	Asaflex™ 810 830 835 Tufprene™ A 125 126S
Film fabrication	Shrink labels for PET bottles		Asaflex™/SC*	<p>Superior shrink characteristics in drawn film from either Asaflex™ or Asaflex™/SC*.</p> <p>Low natural shrinkage.</p>	Asaflex™ 825 830
	Laminate film for food containers		Asaflex™/GPPS	Superior film elongation with small-quantity Asaflex™ addition.	Asaflex™ 810 825 840
Profile extrusion	IC magazine rails		Asaflex™/SC* Asaflex™/SC*/HIPS	<p>High transparency together with high folding endurance.</p> <p>Superior moldability.</p> <p>Superior stiffness.</p>	Asaflex™ 825

				Lower density than rigid PVC and PET.	
Blow molding	Gardening ampoules		neat Asaflex™	High transparency, low-temp. impact resistance in blow-molded ampoules. Superior moldability.	Asaflex™ 825 840
	Glue containers		neat Asaflex™	Transparency, impact resistance. Printability superior to polyolefins, direct printing capability.	Asaflex™ 840
	Transparent megaphones		neat Asaflex™	Transparency, impact resistance. Deeper sound than with PET. Excellent color development.	Asaflex™ 840

*SC: Styrenic copolymer from PS Japan Corp. similar to Asaflex™ in refraction index; sheets produced from SC-Asaflex™ blends show transparency and impact resistance levels unattainable with GPPS; supplied by PS Japan Corp.

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