









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™ 805 825
	Processed fish roe containers	Photo in preparation	neat Asaflex™	Transparency, superior balance of low-temp. impact resistance and rigidity.	Asaflex™ 805
	Clothes hangers	Photo in preparation	neat Asaflex™	Transparency, superior balance of impact resistance and rigidity.	Asaflex™ 825 840
	Plastic model parts		neat Asaflex™	Enables combination of transparency and crack resistance. Softer touch than PC, acrylic, other hard plastics. With Tufprene™; Enables controlled level of softness. Capability for PVC replacement.	Asaflex™ 810 Tufprene™ A
			Asaflex™/Tufprene™		
	Shaver head cases		neat Asaflex™	Excellent engagement, optimal hardness-flexure combination; smooth, pinless closure.	Asaflex™ 805
	Cosmetic compacts	Photo in preparation	neat Asaflex™	Transparency, impact resistance. More crack-resistant than SAN, better moldability than PET.	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™ 825

	Cosmetics caps	Photo in preparation	neat Asaflex™	Superior, high-level balance of transparency and rigidity. Excellent engagement. Excellent resistance to cracking in repeated use.	Asaflex™ 825
Sheet extrusion	Blister packs	Photo in preparation	SC/Asaflex™	High transparency together with high impact resistance. Minimal crazing or whitening at corners or edges under bending. Deep-drawing capability. Lower density than rigid PVC and PET.	Asaflex™ 815 835
	Transparent drink cups		Asaflex™/GPPS	Heightened impact resistance with no loss in transparency. Good cup stacking properties.	Asaflex™ 835 845
	Food containers		GPPS/Tufprene™ GPPS/Asaflex™ / Tufprene™	Heightened impact resistance at ordinary and low temp. Pellet configuration, for easy blending in extruding machine. With both Asaflex™ and Tufprene™: outstanding deep-drawing characteristics; minimal crazing or whitening at corners or edges under deep drawing.	Asaflex™ 810 815 835 845 Tufprene™ A 125 126
	IC carrier tapes	Photo in preparation	Asaflex™/SC/HIPS	Superior balance of high-level transparency, softening point, impact resistance.	Asaflex™ 830 i-150
	Egg cartons	Photo in preparation	GPPS/ Tufprene™ GPPS/ Tufprene™ / Asaflex™	Heightened impact resistance at ordinary and low temp., with small-quantity Asaflex™ addition. Pellet configuration, for easy blending in extruding machine.	Asaflex™ 810 835 Tufprene™ A 125 126
	Film fabrication	Shrink film for PET bottles		Asaflex™/SC	Superior shrink characteristics in drawn film from either Asaflex™ or Asaflex™/SC. Low natural shrinkage.
Laminate film for food containers			GPPS/Asaflex™	Superior film elongation with small-quantity Asaflex™ addition.	Asaflex™ 810 825 840

Profile extrusion	IC magazine rails		Asaflex™/SC Asaflex™/SC/HIPS	High transparency together with high folding endurance. Superior moldability. Superior stiffness. Lower density than rigid PVC and PET.	Asaflex™ 825 830
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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