

Soform™ - A Thermylene® Glass Fiber Reinforced Polypropylene for Soft Touch Interior Applications



Application Area

- Automotive Interiors (Map Pockets, Door Trim, Handles, Pull Cups, Console Area, Mirror Housing, Seat Trim, Instrument Panel Trim)
- Furniture Industry (Arm Rests, Durable Wear Surfaces)

Soft Touch Paint Elimination for the Industry

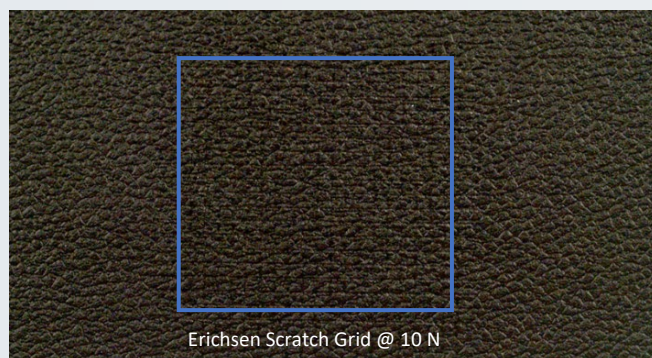
- Superior scratch resistance
- Combines soft-touch & structural performance
- Eliminates need for soft-touch paints
- Inherent low gloss
- Chemical resistance
- Low emissions
- Molded-In-Color (MIC) Class A surface

	Specification	Unit	PH-25FG-0820	PH-10FG-0820
Glass Reinforcement		%	25	10
Tensile Strength	ISO 527 (5mm/min)	MPa	30	28
Flexural Modulus	ISO 178	MPa	2400	1400
Charpy Impact (Notched @ 23°C)	ISO 179	kJ/m ²	40	36
HDT @ 1.8 Mpa	ISO 75	°C	144	128

Soform™ represents Asahi Kasei's family of glass fiber reinforced haptic polypropylene materials to answer the industry's need for durable molded-in-color soft touch materials.

Compared to traditional materials or painted parts, these materials provide a pleasing aesthetic surface combined with low emissions and excellent scratch resistance.

Superior Scratch Resistance



Material	PH-25FG-0820	PH-10FG-0820
ΔL* @ 10 N	<0.7	<0.7