

Prime Co Faraprene™ 200

Our Prime Co Faraprene 200, a proprietary compound, provides the benefits of thermoplastic rubber without the odor associated with comparable products.

Prime Co Faraprene is a TPE. Faraprene looks and feels like rubber without the odor.

Customization

With Prime Co Faraprene you will benefit from an ABA constructed product that features two prime sides for a pleasing look and feel, but with a core layer that provides exceptional flexibility. This pliable composition reduces “set” issues associated with folding or bending during shipping and is favored in packaging applications.

Prime Co Faraprene can be color matched to meet your specific requirements through our vertical integration with Primex Color, Compounding & Additives.

Sustainability

Prime Co Faraprene meets industry sustainability standards and can be recycled as a post-industrial or post-consumer product in many states in the USA or any Primex Plastics facility.

Primex Sustainability: A better tomorrow, starting today!



Prime Co Faraprene 200 | Data Sheet

Prime Co Faraprene 200 thermoforms similar to Low Density Polyethylene. Cost and adaptable processing make this sheet a fit for a variety of applications.

Applications

Prime Co Faraprene 200's durability, low cost, and aesthetics are ideal for use in automotive floor mat applications, and makes it well suited for marine, cargo trailer, and RV application too.

Finishing

Prime Co Faraprene 200 can be fabricated using many techniques such as: drilling, routing, punching, sawing, laser, or die cut. Mechanical fasteners are frequently used to join the Faraprene product, whereas bonding is best achieved with adhesives intended for use with thermoplastielastomers.

Colors, Textures, and Capabilities

Prime Co Faraprene is available in custom colors, gauges from .050 to .275", and in widths up to 103". Textures include: Haircell, Calf Grain, Smooth, matte, and Lava.

Property	Method	Value	Unit
Specific Gravity	D782	.968	g/cc
Melt Flow	D1238	.049	g/10 min
Tensile Strength 100% Strain, MD	D412	1300	psi
Tensile Strength 100% Strain, TD	D412	1320	psi
Tensile Strength, MAX MD	D412	1600	psi
Tensile Strength, Max TD	D412	1640	psi
Ultimate Elongation, MD	D412	843	%
Ultimate Elongation, TD	D412	795	%
Tear Strength, MD	D624	505	pli
Tear Strength, TD	D624	486	pli
Harness Shore A	D2240	90	
Hardness Shore D	D2240	45	

UL compliant materials available upon request.

Prime Faraprene	High	Avg.	Low
Impact Strength	*		
Low Temperature Impact Strength		*	
Tensile Strength			*
Flexural Modulus			*