

Prime Faraprene 200

Thermoplastic Elastomer Alloy

Primex Plastics Corporation

Message:

Prime Co-Faraprene 200, a proprietary compound, provides the benefits of thermoplastic rubber without the odor associated with comparable products. You will benefit from this ABA constructed product that features two prime sides for a pleasing look and feel, and a core layer that provides exceptional exibility. This pliable composition reduces "set" issues associated with folding or bending when shipping and is favored in packaging applications. 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 well suited for marine, cargo trailers, and RVs.

Processing:

Prime Co-Faraprene 200 thermoforms similar to Low Density Polyethylene.

Finishing:

Prime Co-Faraprene 200 can be fabricated by 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 thermoplastic elastomers.

Please contact your Primex Plastics representative for more information on finishing, fabricating, to the thermoforming process.

Colors, Textures, Capabilities

Available in custom colors, gauges from .050 to .275", and in widths up to 103". Textures include: Haircell, Diamond Plate, Coin, Smooth and Levant II.

General Information			
Features	Bondability		
	Good Flexibility		
	High Impact Resistance		
	Low to No Odor		
	Pleasing Surface Appearance		
	Soft		
Uses	Automotive Applications		
	Flooring		
	Marine Applications		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.966	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore D	45		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412

Across Flow : 100% Strain	9.10	MPa	
Flow : 100% Strain	8.96	MPa	
Tensile Strength			ASTM D412
Across Flow : Break	11.3	MPa	
Flow : Break	11.0	MPa	
Tensile Elongation			ASTM D412
Across Flow : Break	800	%	
Flow : Break	840	%	
Tear Strength			ASTM D624
Across Flow	85.1	kN/m	
Flow	88.4	kN/m	

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