

# FARAPRENE™ F301 SERIES

THERMOPLASTIC ELASTOMERS (TPEs)

## PRIMEX

COLOR, COMPOUNDING & ADDITIVES

A subsidiary of Primex Plastics Corporation



## FDA compliant formulations for medical, food and personal hygiene applications.



For over 25 years Primex Color, Compounding & Additives, PCC&A, (formerly O'Neil Color & Compounding) has produced the most versatile line of Thermoplastic Elastomers (TPEs) for consumer, industrial and OEM applications.

Our Faraprene F Series TPEs are Food & Drug Administration compliant materials in accordance with the Code of Federal Regulations (CFR, Title 21, Chapter 1, Subchapter B). They are ultra-soft, flexible and easily colorable to provide soft touch, durability and a comfortable grip to your products and can be custom-compounded to meet your specific needs. Our customers know that incorporating Primex TPE compounds adds value to their products.

**Now, as part of the Primex One Company,** we're able to leverage our vast manufacturing, personnel, technical and distribution resources to your benefit.

**We offer a wide range of TPE grades** to meet market needs ranging from general purpose indoor and outdoor products to automotive, industrial and specialty applications. Faraprene TPE compounds are formulated to meet critical performance requirements.

**From initial consultation through application development support and final delivery,** PCC&A provides cost-effective TPEs with fast turnaround.

**PRIMEX COLOR, COMPOUNDING & ADDITIVES**  
FORMERLY O'NEIL COLOR & COMPOUNDING

Garfield, NJ 800.282.7933 Jasper, TN 800.234.6159 [primexcolor.com](http://primexcolor.com)

**MCNA**

ISO 9001:2008  
Certified  
Management Certification  
of North America



# FARAPRENE™ F301 SERIES

## STANDARD SPECIFICATIONS



### Product

### Mechanical

	Tensile Stress @Break (Psi)	100% Modulus (Psi)	Elongation @Break (%)	Tear Strength (Lbf/in)
Test Method (ASTM)	D412	D412	D412	D624
FARAPRENE F301-45A	650	125	1,000	120
FARAPRENE F301-55A	775	150	1,000	130
FARAPRENE F301-65A	1,040	220	1,000	145

### Product

### Physical / Rheological

	Specific Gravity	Melt Flow Rate (g/10min)	Hardness (10s delay)
Test Method (ASTM)	D792	D1238	D2240
FARAPRENE F301-45A	1.17	0.6	45A
FARAPRENE F301-55A	1.17	2.0	55A
FARAPRENE F301-65A	1.17	5.5	65A

### Product

### Description

### Process(s)

### Application(s)

FARAPRENE F301-45A	FDA Compliant; General Purpose	Injection Molding; Extrusion	Cap & Closure Seals; Consumer Durables; Baby Wipes Container Gaskets, OM Disposable Razor Handles
FARAPRENE F301-55A	FDA Compliant; General Purpose	Injection Molding; Extrusion	OM Toothbrush Handles; Consumer Durables; Baby Wipes Container Gaskets; Shower Nozzles; Conveyor Belt Components for Food Handling
FARAPRENE F301-65A	FDA Compliant; General Purpose	Injection Molding; Extrusion	Housewares; OM Utensil Handles; Refrigerator and Freezer Mats

## FEATURES

- FDA compliant for food and medical applications in accordance with CFR, Title 21, Chapter 1, Subchapter B
- Appropriate for injection molding and extrusion applications
- Soft, flexible feel
- Excellent grip characteristics
- Adhesion to PP, PE substrates
- Drying not required
- Hardness 45-65 Shore A
- Easily colorable
- Custom additives to meet specific manufacturing and end-user needs

## MARKETS

- Medical (tubing, vials closures, seals)
- Grips
- Utensil handles
- Food conveyor belts
- Food packaging
- Wine corks
- Sporting goods
- Baby toys
- Personal hygiene

**Call your Primex representative today to learn about Faraprene F301 and our entire line of TPEs.**



Part of the Primex Plastics family of companies

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