

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

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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