

FARAPRENE™ H300 SERIES

THERMOPLASTIC ELASTOMERS (TPEs)

PRIMEX

COLOR, COMPOUNDING & ADDITIVES

A subsidiary of Primex Plastics Corporation



When your customer demands your best, you should demand our best.



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 TPEs offer soft touch, durable, lightweight enhancements to your products and can be custom-compounded to meet your specific needs. Our customers know that incorporating our 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™ H300 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 H300-45A	563	152	776	123
FARAPRENE H300-55A	708	179	854	133
FARAPRENE H300-65A	884	283	773	145
FARAPRENE H300-75A	921	335	708	154
FARAPRENE H300-85A	988	489	572	148
FARAPRENE H300-95A	1,507	1,031	416	280

Product	Physical / Rheological		
	Specific Gravity	Melt Flow Rate (g/10min)	Hardness (10s delay)
FARAPRENE H300-45A	1.20	0.5	46A
FARAPRENE H300-55A	1.19	0.7	53A
FARAPRENE H300-65A	1.19	2.2	65A
FARAPRENE H300-75A	1.18	10.5	73A
FARAPRENE H300-85A	1.17	29.7	84A
FARAPRENE H300-95A	1.17	30.1	96A

Product	Description	Process(s)	Application(s)
FARAPRENE H300-45A	General Purpose	Injection Molding	Gaskets, Seals
FARAPRENE H300-55A	General Purpose	Injection Molding	Pool Cleaner Wheels
FARAPRENE H300-65A	General Purpose	Injection Molding	Floor Mats
FARAPRENE H300-75A	General Purpose	Injection Molding	Floor Mats
FARAPRENE H300-85A	General Purpose	Injection Molding	Office Furniture Foot Pads
FARAPRENE H300-95A	General Purpose	Injection Molding	Castor Wheels

FEATURES

- General purpose use
- Appropriate for injection molding applications
- UV resistant grades available
- Soft, flexible feel
- Excellent grip characteristics
- Adhesion to PP, PE substrates
- Drying not required
- Hardness 25-95 Shore A
- Easily colorable
- Custom additives to meet specific manufacturing and end-user needs

MARKETS

- Floor mats
- Gaskets
- Seals
- Wheels (pool cleaners)
- Casters
- Hand tools / power tools
- Personal care
- Housewares
- Sports / leisure
- Automotive

Call your Primex representative today to learn about Faraprene H300 and our entire line of TPEs.



Part of the Primex Plastics family of companies

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