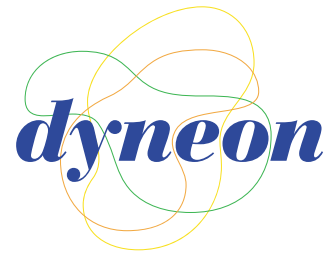


Improved Performance

and design flexibility with the processing ease of PTFE

Dyneon™ TFM™ 1600 PTFE is a modified polytetrafluoroethylene (PTFE) that maintains the exceptional chemical and heat resistance properties of conventional PTFE, but has a significantly lower melt viscosity giving better particle fusion during sintering and smoother surfaces.

Dyneon TFM 1600 PTFE is a free-flowing powder for compression molding, isostatic molding, automatic molding, and ram extrusion.



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FEATURES:

- Free-flowing resin
- Reduced melt viscosity
- Reduced cold flow
- Lower porosity and permeability
- Lower void content
- Excellent non-stick and dielectric properties
- Higher elastic modulus

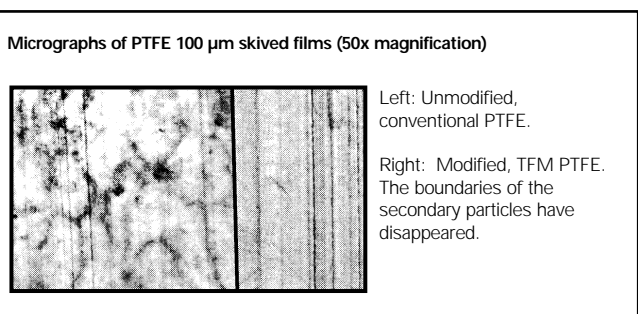
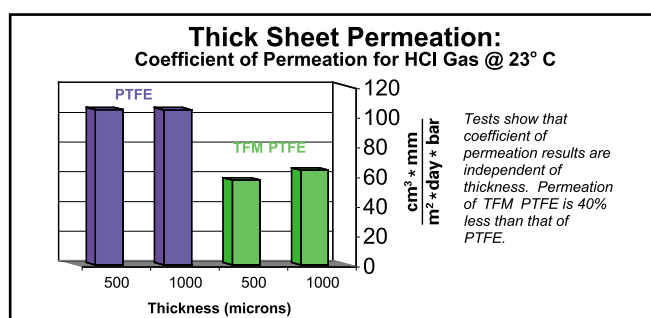
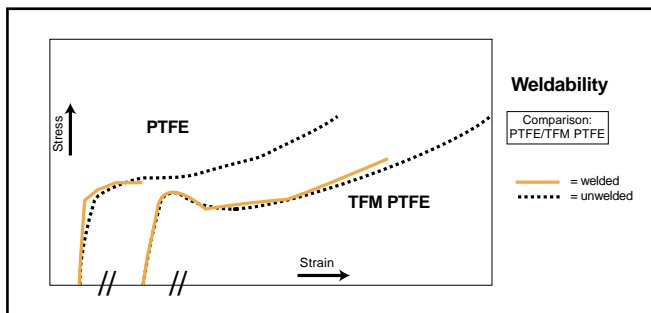
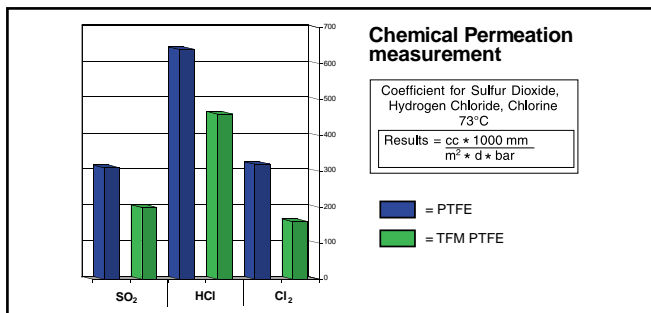
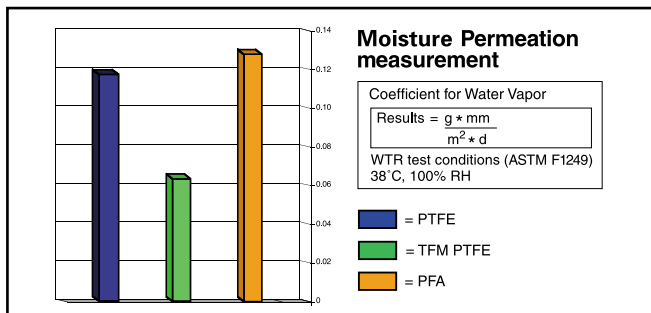
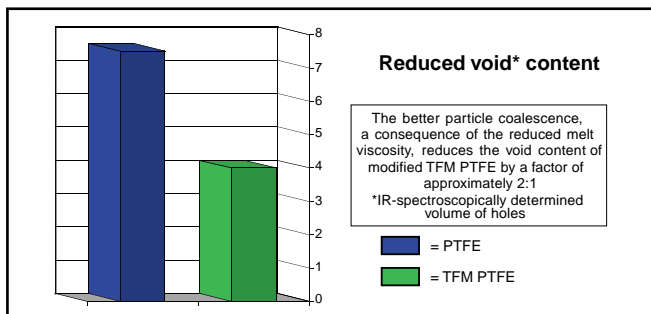
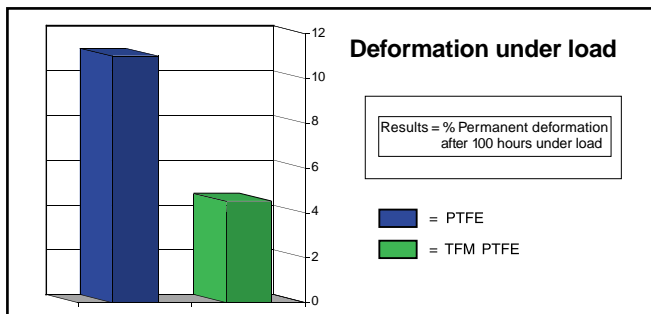
ADVANTAGES:

- Smoother surfaces
- Excellent weldability
- Reduced deformation under load
- Reduced extractables
- Improved design flexibility

RECOMMENDED APPLICATIONS:

- Isostatic, automatic, compression molded or ram extruded products
- Skived film and sheet
- Envelope gaskets requiring high blowout security
- Ball-valve seats for reduced cold flow without the use of fillers
- Lining systems
- Semiconductor and chemical processing system components
- Thermoformed products: blow molded or deep drawn goods





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Technical Information and Test Data

Technical information, test data, and advice provided by Dyneon personnel are based on information and tests we believe are reliable and are intended for persons with knowledge and technical skills sufficient to analyze test types and conditions, and to handle and use raw polymers and related compounding ingredients. No license under any Dyneon or third party intellectual rights is granted or implied by virtue of this information.

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