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## **Ryton® PPS**

Thermal stability, dimensional stability, chemical resistance and inherent flame retardancy

Ryton® PPS (polyphenylene sulfide) compounds offer a unique combination of properties and a cost/performance balance unmatched by other engineering thermoplastics:

#### Thermal Stability: A

remarkable combination of both long-term resistance to temperatures up to 200°C (392°F) and short-term resistance to temperatures up to 260°C (500° F)

#### Dimensional

**Stability**: Even complex parts could be molded with very tight tolerances and will maintain dimensional stability even at elevated temperatures and and in harsh chemical environment

#### Chemical

**Resistance**: Resistant to a wide variety of solvents and corrosive chemicals even at elevated temperatures

#### Inherent Flame

**Retardancy**: All Ryton® PPS compounds have UL94 V-0 flammability ratings without flame retardant additives

# **Ryton**<sup>°</sup> **PPS**





Contact the Specialty Polymers Experts



Ryton® PPS Design Guide

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Ryton® PPS Polyphenylene Sulfide

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Ryton® PPS Processing Guide for High Performance Fibers

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stability

Exceptionally high modulus and creep resistance

Outstanding resistance to a wide variety of aggressive chemical environments

Precision molding to tight tolerances with high reproducibility

Inherent non-flammability without flame retardant additives

Dielectric and insulating properties stable over a wide range of conditions

### Learn more about Ryton® PPS

#### Ryton® PPS

**Ryton PPS** polypherylene sulphide Ryton® PPS compounds offer a unique combination of properties and a cost/performance balance unmatched by other engineering thermoplastics. Key properties include thermal stability,

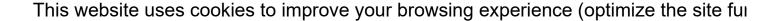
dimensional stability, chemical resistance and inherent flame retardancy.

**Ryton® PPS - Applications** 

**Ryton® PPS - Chemical Resistance** 

**Ryton® PPS - Design Guides** 

**Ryton® PPS - Engineering Properties** 



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