



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 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® PPS
polyphenylene sulphide



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Guide for High
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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
polyphenylene sulphide

Ryton® PPS

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](#)

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