raditeck®

HIGH PERFORMANCE POLYMERS

RADICI GROUP

RadiciGroup compounds based on PPS

High performance PPS (Pholyphenylene sulfide) compounds, featuring exceptional chemical and thermal resistance, as well as dimensional stability. Main applications in the Automotive and Electrical&Electronics sectors along with Consumer and Industrial Goods.

Material	Brief Description	Applicative Description
Raditeck® P RV400K	PPS 40% glass fiber reinforced injection molding grade. Heat stabilized.	Balanced matching of excellent chemical resistance, inherent flame retardancy and very good heat ageing properties retention. Suitable for parts requiring very high stiffness and high mechanical strength.
Raditeck® P RCM531K	PPS 53% glass fiber and mineral filler reinforced injection moulding grade. Lubricated and heat stabilized.	Balanced matching of excellent chemical resistance, inherent flame retardancy and very good heat ageing properties retention. Suitable for parts requiring high stiffness and high mechanical strength, along with good dimensional stability and low warpage.
Raditeck® P RCM651K	PPS 65% glass fiber and mineral filler reinforced injection moulding grade. Lubricated, easier processing. Heat stabilized.	Balanced matching of excellent chemical resistance, inherent flame retardancy and very good heat ageing properties retention. Suitable for parts requiring high stiffness and high mechanical strength, along with good dimensional stability and low warpage. Ease of processing thanks to good flowability.
Raditeck® P ERV400K	PPS 40% glass fiber reinforced injection molding grade. Toughened, heat stabilized. Natural colour.	Balanced matching of excellent chemical resistance, inherent flame retardancy and very good heat ageing properties retention. Suitable for parts requiring improved impact strength along with high stiffness and high mechanical resistance.
Raditeck® P USX160RG	PPS 40% medium fluidity, toughened, for extrusion and injection molding.	Balanced matching of excellent chemical resistance, inherent flame retardancy and impact resistance. Suitable for coolant pipes exposed to high temperature for prolonged periods.

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