

RTP

PPSU

1499 P X 125383 A

Product information

Manufacturer	RTP Company
Material Shape	Pellets
Process	Injection molding
FR	V-0
Material Attribute	10%Carbon Fiber Reinforced Flame retardant
Additives	Flame Retardant Agent

Flammability	Condition	Standard	Value	Unit
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Flame	Rating All Color 0.75mm	UL94	V-0	
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Flame	Rating All Color 3.0mm	UL94	V-0	
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Mechanical behavior	Condition	Standard	Value	Unit
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Elongation		ASTM D638	3.5	%
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Flexural	Strength	ASTM D790	193	MPa
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Flexural	Modulus	ASTM D790	6206	MPa
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Izod	Notch Impact 3.2mm	ASTM D256	67	J/m
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Izod	Un-notch Impact 3.2mm	ASTM D4812	641	J/m
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Tensile	Modulus	ASTM D638	6895	MPa
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Tensile	Strength	ASTM D638	117	MPa
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Physical property	Condition	Standard	Value	Unit
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Density		ASTM D792	1.32	g/cm ³
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Primary	Additive		10	%
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Shrinkage	3.2mm	ASTM D955	0.05~0.25	%
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UL	Condition	Standard	Value	Unit
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RTI	Elec ALL 0.75mm	UL 746B	50	°C
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RTI	Elec ALL 3.0mm	UL 746B	50	°C
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RTI	Imp ALL 0.75mm	UL 746B	50	°C
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RTI	Imp ALL 3.0mm	UL 746B	50	°C
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RTI	Str ALL 0.75mm	UL 746B	50	°C
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RTI	Str ALL 3.0mm	UL 746B	50	°C
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UL	FlameRating ALL 0.75mm	UL94	V-0	
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UL	FlameRating ALL 3.0mm	UL94	V-0	
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