



RTP COMPANY SPECIALTY COMPOUNDS

RTP COMPANY PRODUCTS

Specialty compounding is an exacting, yet creative, science. RTP Company enhances these and other resin systems with a wide range of additives and reinforcements. The result is a unique material that meets your design criteria for performance and appearance.

Performance Enhancements

Structural	Conductive	Flame Retardant	Wear Resistant	Color
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BASE POLYMER	ABBREVIATION	RTP SERIES	Structural	Conductive	Flame Retardant	Wear Resistant	Color
Acrylonitrile Butadiene Styrene	ABS	600	●	○	●	●	●
Ethylene Tetrafluoroethylene	ETFE	3200	●	○	○	●	●
Fluorinated Ethylene Propylene	FEP	3500	●	○	○	●	●
High Density Polyethylene	HDPE	700	●	○	●	●	●
High Temperature Nylon	HTN	4400	■	●	○	●	●
Liquid Crystal Polymer	LCP	3400	■	●	○	●	●
Low Density Polyethylene	LDPE	700 A	●	○	●	●	●
Amorphous Nylon	PA	200 E	●	○	●	●	●
Nylon 11	PA 11	200 C	●	○	●	●	●
Nylon 12	PA 12	200 F	●	○	●	●	●
Nylon 6	PA 6	200 A	●	○	●	●	●
Nylon 6/10	PA 6/10	200 B	●	○	●	●	●
Nylon 6/12	PA 6/12	200 D	●	○	●	●	●
Nylon 6/6	PA 6/6	200	●	○	●	●	●
Impact-Modified Nylon 6/6	PA 6/6	200 H	●	○	●	●	●
Polyarylamide	PAA	200 K	●	○	●	●	●
Polyamide-Imide	PAI	5000	■	●	○	●	●
Polybutylene Terephthalate	PBT	1000	●	○	●	●	●
Polycarbonate	PC	300	●	○	●	●	●
Polycarbonate/ABS Alloy	PC/ABS	2500	●	○	●	●	●
Polyether-Block-Amide (TPE)	PEBA	2900	●	○	●	●	●
Polyetheretherketone	PEEK™	2200	■	●	○	●	●
Polyetherimide	PEI	2100	■	●	○	●	●
Polyetherketone	PEK	2200 A	■	●	○	●	●
Polyetherketoneetherketoneketone	PEKEKK	3900	■	●	○	●	●
Polyetherketoneketone	PEKK	4100	■	●	○	●	●
Polyethersulfone	PES	1400	■	●	○	●	●
Polyethylene Terephthalate	PET	1100	●	○	●	●	●
Perfluoroalkoxy	PFA	3100	●	○	○	●	●

PEEK™ is a trademark of Victrex plc.

■ = High Temperature Resins

○ = Inherently Flame Retardant

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BASE POLYMER	ABBREVIATION	RTP SERIES	Performance Enhancements				
			Structural	Conductive	Flame Retardant	Wear Resistant	Color
Polyketone	PK	4500	●	○	●	●	●
Acrylic	PMMA	1800	●	○	○	●	●
Polymethylpentene	PMP	3000	●	○	●	●	●
Acetal	POM	800	●	○	○	●	●
Polypropylene	PP	100	●	○	●	●	●
Polyphthalamide	PPA	4000	■	○	●	●	●
Hot Water Moldable Polyphthalamide	PPA	4000 A	■	○	●	●	●
Modified Polyphenylene Oxide	PPO	1700	●	○	●	●	●
Polyphenylene Sulfide	PPS	1300	■	○	○	●	●
Polystyrene	PS	400	●	○	●	●	●
Polysulfone	PSU	900	■	○	●	●	●
Polysulfone/Polycarbonate Alloy	PSU/PC	4300	●	○	●	●	●
Polyvinylidene Fluoride	PVDF	3300	●	○	○	●	●
Rigid Thermoplastic Polyurethane	RTPU	2300	●	○	●	●	●
Styrene Acrylonitrile	SAN	500	●	○	●	●	●
Syndiotactic Polystyrene	SPS	4600	●	○	●	●	●
Polyether-Ester Block Copolymer (TPE)	TEEE	1500	●	○	●	●	●
Thermoplastic Polyolefin Elastomer (TPE)	TEO	2600	●	○	●	●	●
Specialty Thermoplastic Elastomer	TPE	6000	*	*	*	*	●
Thermoplastic Polyimide	TPI	4200	■	○	○	●	○
Thermoplastic Polyolefin	TPO	4900	●	○	○	○	●
Ester-based Thermoplastic Elastomer	TPUR	1200 S	●	○	●	●	●
Ether-based Thermoplastic Elastomer	TPUR	1200 T	●	○	●	●	●
Thermoplastic Vulcanizate Elastomer	TPV	2800 B	●	○	●	●	●
Bioplastics Compounds and Custom Alloys		2000	●	○	●	●	●

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* Modified versions of this series currently available under alternate nomenclatures

RTP COMPANY: YOUR GLOBAL COMPOUNDER OF CUSTOM ENGINEERED THERMOPLASTICS



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