

HIGH PURITY COMPOUNDS

Pre-Tested Thermoplastics From RTP Company

Quick Information

- ▶ Reduce Ionic Contamination
- ▶ Developed from purity-qualified compounds
- ▶ Customize For Performance

Imagine a thermoplastic compound designed specifically for sensitive applications in the semiconductor, disk drive, or medical industries. One that reduces ionic contamination, prevents damage from electrostatic discharge (ESD), and is formulated to your specifications for purity. At RTP Company, we not only imagined it, we made it a reality.

The electronics, semi-conductor, disk drive, medical and other similar industries face billions of dollars in losses each year from ESD and contaminants. RTP Company's High Purity Compounds(HPC's) are ideal for applications in such industries where purity counts.

HPC's are custom formulations, not just off-the-shelf products. Each HPC is developed from purity-qualified resins, additives and modifiers, to meet your definition of cleanliness and performance.

HPC's are tested with our Dionex

DX500 Ion Chromatograph for possible contaminants: anions (F, Cl, NO₃, PO₄, SO₄) cations (Na, Li, K, Mg, Ca, NH₄) and transition metals (Fe, Cu, Ni, Zn, Co, Cd, Mg). With this testing capability available to RTP Company's engineers, HPC's are formulated to meet stringent industry standards such as the common <0.3 ppm for chloride ions. In addition, HPC's perform well in outgassing tests such as Dynamic and/or Static Headspace GC/MS

Meet your needs from a long list of HPC possibilities: permanent anti-static protection, conductivity, improved durability to reduce particulation, lubrication for low-friction slides, or color for recognition coding. In every case, you'll partner with our talented engineers to find just the right solution.

High Purity Compounds from RTP Company... another innovation from the leader in specialty compounding.



World Headquarters:

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The Leader in Specialty Compounding

Manufacturing Facilities:

Winona, MN
South Boston, VA
Beaune, France
Fort Worth, TX
Indianapolis, IN
Singapore



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RTP Company High Purity Compound Chart

RTP Series	Polymer Type	
100	Polypropylene	(PP)
200	Nylon 6/6	(PA)
200A	Nylon 6	(PA)
300	Polycarbonate	(PC)
400	Polystyrene	(PS)
600	Acrylonitrile Butadiene Styrene	(ABS)
700	High Density Polyethylene	(HDPE)
800	Acefal	(POM)
900	Polysulfone	(PSU)
1000	Polybutylene Terephthalate	(PBT)
1300	Polyphenylene Sulfide	(PPS)
2100	Polyetherimide	(PEI)
2200	Polyetheretherketone	(PEEK)
4000	Polyphthalamide	(PPA)
4500	Aliphatic Polyketone	(PK)



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