



T-TEC®
High Performance Engineering Polymers

HIGH PERFORMANCE / HIGH TEMPERATURE ENGINEERING POLYMERS

The **T-TEC®** branded range of high-temperature engineering polymer formulations are available not just in black but also in a range of colours, both in masterbatch or compounded form. Colloids R&D team are working to continually extend our product range in a wide range of high temperature

polymers other than those included below. These include, but are not limited to PEKK, PSU, PTFE, PESU, PVDF and PEI.

Colloids also develop bespoke **T-TEC®** high temperature engineering polymer formulations for customer specific requirements.

	Colloids Grade	Polymer	Colour	Masterbatch/Compound	Product Description	Processing	Melting Point	Continuous Use Service Temp.
1	CTK9D2286	PEEK	Black	Compound	PEEK black compound based upon high jet furnace black	Injection moulding, extrusion	350°C	260°C
2	CTK4M2047	PEEK	Red	Compound	PEEK red compound based upon pigments stable in high heat applications	Injection moulding, extrusion	350°C	260°C
3	MTS9D4015	PPS	Black	Masterbatch	PPS carrier black masterbatch based upon high jet furnace black	Injection moulding, extrusion, compounding	280°C	230°C
4	MTS7D4001	PPS	Blue	Masterbatch	PPS carrier blue masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	280°C	230°C
5	MTS5D4002	PPS	Brown	Masterbatch	PPS carrier brown masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	280°C	230°C
6	MTS6D4004	PPS	Green	Masterbatch	PPS carrier green masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	280°C	230°C
7	MTS9L2285	PPS	Grey	Masterbatch	PPS carrier grey masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	280°C	230°C
8	MTS4D2048	PPS	Red	Masterbatch	PPS carrier red masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	280°C	230°C
9	MTA9D4022	PPA	Black	Masterbatch	PPA carrier black masterbatch based upon high jet furnace black	Injection moulding, extrusion, compounding	320°C	205°C
10	MTA7M2105	PPA	Blue	Masterbatch	PPA carrier blue masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	320°C	205°C
11	MTA5M2044	PPA	Brown	Masterbatch	PPA carrier brown masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	320°C	205°C
12	MTA6M2168	PPA	Green	Masterbatch	PPA carrier green masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	320°C	205°C
13	MTA9L2284	PPA	Grey	Masterbatch	PPA carrier grey masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	320°C	205°C
14	MTA4M2046	PPA	Red	Masterbatch	PPA carrier red masterbatch based upon pigments stable in high heat applications	Injection moulding, extrusion, compounding	320°C	205°C
15	MTU9D4040	PPSU	Black	Masterbatch	PPSU carrier black masterbatch based upon high jet furnace black	Injection moulding, extrusion, compounding	280°C	210°C