

Plastic Injection Moulding Materials

At RP Technologies, we have comprehensive experience of processing a wide range of materials, including PEEK, ABS, PC, PC/ABS, PET-G, ASA, SAN, PA6, PA66, PPA, PA12, TPE, and many more.

Listed below are some example grades of plastic material types that we can process, along with a link to the relevant data sheet.

These lists are not exhaustive - there are many other grades available. If the plastic polymer you require isn't listed, please contact 0121 550 5868 and we'll be happy to assist you.

ABS

Kumho ABS 750 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-750.pdf>

Kumho ABS 765 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-765.pdf>

Kumho ABS 780 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-780.pdf>

Kumho ABS 750 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-750.pdf>

Kumho ABS 765 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-765.pdf>

Kumho ABS 780 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/kumho-abs-780.pdf>

Terluran GP-22 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/terluran-gp-22.pdf>

Terluran GP-35 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/terluran-gp-35.pdf>

Polylac PA764 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/polylac-pa-764.pdf>

Polylac PA765 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/polylac-pa-765.pdf>

Polylac PA727 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/polylac-pa-727.pdf>

Polylac PA747 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/polylac-pa747.pdf>

Polylac PA758 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/polylac-pa758.pdf>

NYLON

Altech PA66 C1000 517 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/altech-pa66-c1000-517.pdf>

Chemlon 104H - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/chemlon-104h.pdf>

Durethan BG30 X H 2 0 901510 - Data Sheet
<https://www.rptechnologies.co.uk/images/pdf/durethan-bg30-x-h20-901510.pdf>

Radiflam A FR 100 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/radiflam-a-fr-100.pdf>

Schulamid 6 GF30 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/schulamid-6-gf30.pdf>

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Vitamide AR34BK8516 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/vitamide-ar34bk8516.pdf>

Vitamide BR 16 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/vitamide-br16.pdf>

Zytel 70G13 HS1L - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-70g33l.pdf>

Zytel 70G15 HSL - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-73g15hsl.pdf>

Zytel 70G30 HSLR - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-70g30hslr.pdf>

Zytel 70G33L - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-70g33l.pdf>

Zytel 101 NC010 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-101-nc010.pdf>

Zytel 103 HSL - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-103hsl.pdf>

Zytel HTN51 G15 HSL - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-htn-51g15hsl.pdf>

Zytel HTN51 G35 HSLR - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-htn-51g35hslr.pdf>

Zytel ST801A - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/zytel-st801a.pdf>

PBT

Pocan B1505 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b1505.pdf>

Pocan B1600 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b1600.pdf>

Pocan B1703 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b1703.pdf>

Pocan B2505 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b2505.pdf>

Pocan B3225 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b3225.pdf>

Pocan B3235 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b3235.pdf>

Pocan B4215 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b4215.pdf>

Pocan B5220XF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b5220xf.pdf>

Pocan B7616 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pocan-b7616.pdf>

PC

Hopelex PC-1220U - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/hopelex-pc-1220u.pdf>

Lexan 943A- Data Sheet <https://www.rptechnologies.co.uk/images/pdf/lexan-943a.pdf>

Makrolon 2458 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/makrolon-2458.pdf>

Tarflon IVY2200R- Data Sheet <https://www.rptechnologies.co.uk/images/pdf/tarflon-ivy2200r.pdf>

PC/ABS

Bayblend 3005HF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-3005hf.pdf>

Bayblend FR3010 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-fr3010.pdf>

Bayblend FR3010 HF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-fr3010-hf.pdf>

Bayblend FR3025 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-fr3025.pdf>

Bayblend T65 XF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-t65-xf.pdf>

Bayblend T85 XF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-t85-xf.pdf>

Bayblend T90 XF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-t90-xf.pdf>

Bayblend W85 XF - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/bayblend-w85-xf.pdf>

Pulse A35-105 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/pulse-a35-105.pdf>

PEEK

Victrix Peek 150CA30 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/victrix-peek-150ca30.pdf>

Victrix PEEK 151G - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/victrix-peek-151g.pdf>

PEI

Ultem Resin 1000 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/ultem-resin-1000.pdf>

Ultem Resin 2300 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/ultem-resin-2300.pdf>

PMMA

LG PMMA IF850 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/lg-ppma-if850.pdf>

Plexiglas 6N - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/plexiglas-6n.pdf>

Plexiglas 8N - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/plexiglas-8n.pdf>

POM

Delrin 100P - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/delrin-100p-.pdf>

Delrin 500P - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/delrin-500p.pdf>

Delrin 570 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/delrin-570.pdf>

Formocon FM090 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/formocon-fm090.pdf>

Hostaform C13031 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/hostaform-c13031.pdf>

Hostaform C9021 AW - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/hostaform-c9021-aw.pdf>

Hostaform C9021 GV3-20 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/hostaform-c9021-gv3-20.pdf>

PP

Hifax TYC337 P2 C13077 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/hifax-tyc-337p-2-c13077.pdf>

Inspire TF1305 ESU - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/inspire-tf1305-esu.pdf>

Sabic PP 56M10 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/sabic-pp-56m10.pdf>

Sabic PP PHC 31 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/sabic-pp-phc31.pdf>

Scolefin 52G 13-9 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/scolefin-52g-13-9.pdf>

PPS

Fortron 1130L4 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/fortron-1130l4.pdf>

Fortron 1342 L4 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/fortron-1342-l4.pdf>

Fortron 1140L6 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/fortron-1140l6.pdf>

Fortron L1140 L4 - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/fortron-l1140-l4.pdf>

TPE

Thermolast K TC6GPN - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc6gpn.pdf>

Thermolast K TC5MLZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc5-mlz.pdf>

Thermolast K TC5MLB - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc5mlb.pdf>

Thermolast K TC5GPN - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc5gpn.pdf>

Thermolast K TC5GPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc5gpz.pdf>

Thermolast K TC4TPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc4tpz.pdf>

Thermolast K TC4GPN - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc4gpn.pdf>

Thermolast K TF3STE - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tf3-ste.pdf>

Thermolast K TC3TPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc3tpz.pdf>

Thermolast K TC3GPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc3gpz.pdf>

Thermolast K TC2GPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc2gpz.pdf>

Thermolast K TC0TPN - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc0tpn.pdf>

Thermolast K TC0GPZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc0gpz.pdf>

Thermolast K TC0GPN - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-k-tc0gpn.pdf>

Thermolast A TA8AOZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-a-ta8aoz.pdf>

Thermolast A TA7AOZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-a-ta7aoz.pdf>

Thermolast A TA6AOZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-a-ta6aoz.pdf>

Thermolast A TA5AOZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-a-ta5aoz.pdf>

Thermolast A TA4AOZ - Data Sheet <https://www.rptechnologies.co.uk/images/pdf/thermolast-a-ta4aoz.pdf>

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Upon selection of material, all information should be verified with the material supplier before manufacture begins.