



Preliminary Data sheet

Tailor made Engineering Plastic

Product: Kaycom PC/ABS 190/8515 QF - White 91200

PC/ABS alloys unreinforced, for injection moulding

| TYPICAL PROPERTIES ① | Standard | Unit | TYPICAL VALUE |
|---|-----------|-------------------------|---------------|
| PHYSICAL | | | |
| Density | ISO 1183 | g/cm ³ | 1.15 |
| Water Absorption, (23°C /sat) | ISO 62 | % | 0.6 |
| Melt Flow Rate, 260°C/5.0 kg | ISO 1133 | g/10 min | |
| Melt Volume Rate, MVR at 260°C/5kg | ISO 1133 | cm ³ /10 min | 18 |
| Filler content | | % | 0 |
| MECHANICAL | | | |
| Tensile Modulus | ISO 527 | Mpa | 2200 |
| Tensile Stress at break | ISO 527 | Mpa | 55 |
| Tensile Strain, yield | ISO 527 | % | 5 |
| IMPACT | | | |
| Charpy impact notch (23°C) | ISO 179 | KJ/m ² | 40 |
| Charpy unnotched impact (23°C) | ISO 179 | KJ/m ² | NB! |
| THERMAL | | | |
| Vicat softening temperature | ISO 306 | °C | 130 |
| Heat deflection temperature HDT A | ISO 75 | °C | 110 |
| Flammability UL 94 | UL 94 | | HB |
| ELECTRICAL | | | |
| Volume Resistivity | IEC 60093 | Ohm-cm | |
| Dielectric Strength in oil 0,8 mm | IEC 60243 | KV/mm | |
| PROCESSING PARAMETERS / Injection moulding | | | |
| Drying Temperature | | °C | 95 |
| Drying Time | | Hrs | 2 - 5 |
| Melt Temperature | | °C | 240 - 280 |
| Mould Temperature | | °C | 60- 90 |

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① Typical values only. Variations within normal tolerances are possible for various colours. They are based on our general experience and given in good faith, but we are unable to accept responsibility in respect of factors which are outside our knowledge or control

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