**Ex-01 PC**

Jamplast Ex-01 PC is an extrusion grade of PC suitable for profile extrusions and sheet. It is clear or can be ordered pre-colored

**Typical Material Properties**

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| General | Commercial: Active |  |
| Availability | North America |  |
| Appearance | Clear/Transparent | Colors Available |
| Processing Method | Cold Foil Stamping | Profile Extrusion |
|  | Extrusion | Sheet Extrusion |

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| Physical Properties | Nominal Values | Test Method |
| Specific Gravity | 1.20 | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (300°C/1.2 kg) | 6.0 g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (0.126 in) | 5.0E-3 to 7.0E-3 in/in | ASTM D955 |
| Water Absorption (Equilibrium, 73°F) | 0.20 % | ASTM D570 |

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| Hardness |  |  |
| Rockwell Hardness (R-Scale) | 120 | ASTM D785 |

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| Mechanical Properties |  |  |
| Tensile Strength2 (Yield) | 9400 psi | ASTM D638 |
| Tensile Elongation2 (Yield) | 110 % | ASTM D638 |
| Flexural Modulus3 | 330000 psi | ASTM D790 |
| Flexural Strength3 | 13000 psi | ASTM D790 |

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| Impact |  |  |
| Notched Izod Impact (73 °F, 0.125 in) | 17 ft·lb/in | ASTM D256 |

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| Thermal |  |  |
| Deflection Temperature Under Load (264 psi, Unannealed, 0.252 in) | 280 °F | ASTM D648 |
| Vicat Softening Temperature | 300 °F | ISO 306/B |

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| Optical |  |  |
| Transmittance (126 mil) | 89.0 % | ASTM D1003 |
| Haze (126 mil) | 0.80 % | ASTM D1003 |

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| Notes |
| 1These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier. |
| 22.0 in/min |
| 30.11 in/min |