AsahiKASEI

# XYRON™ A0240 A1X3366 trial product

Confidential

modified PPE resin

PA/PPE alloy

2020/1/9

| | Properties | Unit | Method | Condition | A0240 A1X3366 DRY |
|---|---|---|---|---|---|
| Physical | Specific Gravity | | ISO 1183 | 23℃ | 1.11 |
| Termal | Melting point | ℃ | AsahiKasei | | 260 |
| | DTUL | ℃ | ISO 75-1 | 0.45MPa | 177 |
| | Mold Shrinkage | % | AsahiKasei | MD 120×80×2mm | 1.4 |
| | | | | TD 120×80×2mm | 1.6 |
| | MVR | cc/10min. | ISO 1133 | 280°C/21.2N | 23 |
| Mechanical | Tensile Strength | MPa | ISO 527 | 23℃/50%RH | 68 |
| | (Nominal) Tensile Strain | % | ISO 527 | 23℃/50%RH | 33 |
| | Flexural Strength | MPa | ISO 178 | 23℃/50%RH | 99 |
| | Flexural Modulus | MPa | ISO 178 | 23℃/50%RH | 2380 |
| | Charpy Impact Strength | $KJ/m^2$ | ISO 179 | Notched 4mm 23℃ | 17 |
| Molding Condition | Resin Temperature | ℃ | | | 280~300 |
| | Mold Temperature | ℃ | | | 60~120 |
| | Pre-Drying Temperature | ℃ | | | 110~130 |
| | Pre-Drying Time | Hr | | | 2~3 |
| Remarks | | | | | trial product |

Note Data shown are typical values obtained by proper testing methods and should not be used for specification purpose.
Please use these data for selecting the most appropriate suitable for specific usage.
These data may be changed because of improvement in properties.
Do not use XYRON™ in any of the following orally- or medically-related applications.
- Orally-related applications: any part, device or component which may come into direct oral contact or into direct contact with drinking foods or beverages. For drinking water application, please consult Asahi Kasei Chemicals Corporation.

- Medically-related applications: any part, or component which may be used intracorporeally or which may in dialysis or other processes come into direct or indirect contact with body tissue, body fluids, or transfusion fluids.

ASAHI KASEI CORPORATION XYRON Technical Department
1-3-1 Yako, Kawasaki-ku, Kawasaki City, Kanagawa Japan 210-0863
TEL +81-(0)44-271-2561 FAX +81-(0)44-271-2168