

**TAIRIPRO® K1108**

PP

Formosa Chemicals &amp; Fibre Corp.

| Processing/Physical Characteristics | Value        | Unit    | Test Standard |
|-------------------------------------|--------------|---------|---------------|
| <b>ASTM Data</b>                    |              |         |               |
| Melt Flow Index, MFI                | <b>10</b>    | g/10min | ASTM D 1238   |
| Temperature                         | <b>230</b>   | °C      | -             |
| Load                                | <b>2.16</b>  | kg      | -             |
| Mold Shrinkage, MD                  | <b>0.016</b> | mm/mm   | ASTM D 955    |

| Mechanical properties       | Value        | Unit | Test Standard |
|-----------------------------|--------------|------|---------------|
| <b>ASTM Data</b>            |              |      |               |
| Tensile Strength at Yield   | <b>35.3</b>  | MPa  | ASTM D 638    |
| Elongation at Break         | <b>200</b>   | %    | ASTM D 638    |
| Flexural Modulus            | <b>1471</b>  | MPa  | ASTM D 790    |
| Rockwell Hardness           | <b>R 100</b> | -    | ASTM D 785    |
| Izod Impact notched, 1/8 in | <b>29.4</b>  | J/m  | ASTM D 256    |

| Thermal properties | Value      | Unit | Test Standard |
|--------------------|------------|------|---------------|
| <b>ASTM Data</b>   |            |      |               |
| UL 94 Flame rating | <b>HB</b>  | -    | UL 94         |
| Thickness tested   | <b>1.5</b> | mm   | -             |
| DTUL @ 66 psi      | <b>115</b> | °C   | ASTM D 648    |

| Other properties | Value      | Unit              | Test Standard |
|------------------|------------|-------------------|---------------|
| Density          | <b>900</b> | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value         | Unit | Test Standard |
|---|---------------|------|---------------|
| Injection pressure                          | <b>8 - 12</b> | MPa  | -             |

**Characteristics****Processing**

Injection Molding

**Features**

High Gloss, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Regional Availability**

Asia Pacific