

TAIRIPRO® K8095

PP

Formosa Chemicals & Fibre Corp.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 95 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.016 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 20.6 | MPa | ASTM D 638 |
| Elongation at Break | 50 | % | ASTM D 638 |
| Flexural Modulus | 981 | MPa | ASTM D 790 |
| Rockwell Hardness | R 78 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 68.7 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 44.1 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 108 | °C | ASTM D 648 |

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

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Injection pressure | 3 - 6 | MPa | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

Asia Pacific