

YUNGSOX 3080

PP

Formosa Plastics Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 8.5 | g/10min | ISO 1133 |
| Molding shrinkage, parallel | 1.5 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------|-------|------|---------------|
| ISO Data | | | |
| Yield stress | 27.5 | MPa | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 981 | MPa | ISO 178 |
| Rockwell hardness | R100 | - | ISO 2039-2 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 900 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Features

Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific