

Cosmoplene® W331

PP

The Polyolefin Company (Singapore) Pte Ltd

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 7 | g/10min | ASTM D 1238 |
| Mold Shrinkage, MD | 0.014 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.015 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------|-------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength | 26 | MPa | ASTM D 638 |
| Elongation at Break | 500 | % | ASTM D 638 |
| Flexural Modulus | 780 | MPa | ASTM D 790 |
| Rockwell Hardness | R 83 | - | ASTM D 785 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------|------------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 108 | °C | ASTM D 648 |
| Melting Temperature | 151 | °C | ASTM D 3418 |

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

Characteristics**Processing**

Blow Molding

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

Regional Availability

Asia Pacific