

YUNGSOX® PP 3064

Polypropylene Impact Copolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 3064 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3064 are:

- Copolymer
- Food Contact Acceptable
- Heat Resistant
- High Stiffness
- Impact Resistant
- Typical applications include:
 - Caps/Lids/Closures
 - Appliances
 - Food Contact Applications
 - Furniture

| General Information | | | |
|---|-------------------------|-------------------|-----------------|
| Features | Food Contact Acceptable | | |
| | High Heat Resistance | | |
| | High Impact Resistance | | |
| | High Stiffness | | |
| | Impact Copolymer | | |
| Uses | Appliance Components | | |
| | Caps | | |
| | Closures | | |
| | Furniture | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.900 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 6.0 | g/10 min | ISO 1133 |
| Molding Shrinkage | 1.3 to 1.7 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 105 | | ISO 2039-2 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 28.4 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 200 | % | ISO 527-2 |
| Flexural Modulus | 1370 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | | | ISO 180 |


| -20°C | 44 | J/m | |
|---|---------------|------|-------------|
| 23°C | 200 | J/m | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 130 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 155 | °C | ISO 306 |

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