



Producer: Formosa / Taiwan

YUNGSOX 3003

Applications:

- PPB - pipe
- Thermoforming sheet
- Blow molding

Characteristics :

- High impact strength
- Excellent resistance to low temperature brittleness
- Excellent melt strength

PROPERTIES	UNIT	TEST METHOD	TYPICAL VALUE
Melt Index	g/10min	ISO 1133	0.35
Density	g/cm ³	ISO 1133	0.90
Melting Point	°C	DSC	---
Heat deflection temperature	°C	ISO 75	105
Vicat softening temperature	°C	ISO 306	150
Tensile strength at Yield	Kg/cm ²	ISO 527	250
Tensile elongation at Break	%	ISO 527	500
Rockwell Hardness	R scale	ISO 2039	95
Flexural modulus	Kg/cm ²	ISO 178	12.500
Izod	Kg.cm/cm	ISO 180	80
Izod impact strength	notch	23°C -20°C	16
Molt shrinkage	%	FPC METHOD	1.3-1.7

The details given in this data sheet are our standart value but not specification guaranteed.

Yungsox 3003 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.