

YUNGSOX® PP 3015

Polypropylene Impact Copolymer

Formosa Polypropylene

PROSPECTOR®

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Technical Data

Product Description

YUNGSOX® PP 3015 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3015 are:

- Flame Rated
- Impact Resistant
- Copolymer
- Good Stiffness

Typical applications include:

- Containers
- Consumer Goods
- Food Contact Applications
- Sporting Goods

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
UL Yellow Card ²	• E216959-229353
Search for UL Yellow Card	• Formosa Polypropylene
Availability	• Asia Pacific
Features	• Good Stiffness • High Impact Resistance • Impact Copolymer • Low Temperature Impact Resistance
Uses	• Industrial Containers • Luggage • Pails • Sporting Goods
Agency Ratings	• FDA 21 CFR 177.1520
UL File Number	• E216959
Forms	• Pellets

	Nominal Value Unit	Test Method
Physical		
Density	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0 g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7 %	Internal Method
Mechanical		
Tensile Stress (Yield)	27.5 MPa	ISO 527-2
Tensile Strain (Break)	450 %	ISO 527-2
Flexural Modulus	1100 MPa	ISO 178
Impact		
Notched Izod Impact		ISO 180
-20°C	130 J/m	
23°C	490 J/m	
Hardness		
Rockwell Hardness (R-Scale)	95	ISO 2039-2
Thermal		
Heat Deflection Temperature 1.8 MPa, Unannealed	110 °C	ISO 75-2/A
Vicat Softening Temperature	145 °C	ISO 306
Flammability		
Flame Rating	HB	UL 94



Notes

- ¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.
- ² A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.
- ³ Typical properties: these are not to be construed as specifications.



Where to Buy

Supplier

Formosa Polypropylene
Taipei, Taiwan
Telephone: +886-2-2712-2211
Web: <http://www.fpc.com.tw/>

Distributor

Please contact the supplier to find a distributor for YUNGSOX® PP 3015

