

# 1100YC

Polypropylene Homopolymer (PP) / Meltblown Nonwoven

## PRODUCT DESCRIPTION

1100YC is a new series of Polypropylene Homopolymer (PP) producing from non-phthalate catalyst system with characteristics of very high flow, narrow molecular weight distribution and low volatile content. It is especially designed for multilayer meltblown and spunbond nonwoven using for hygiene and medical application with qualified gas fading resistance.

## INDUSTRY

- Hygiene Nonwovens
- Diaper, Sanitary Napkin
- Healthcare Nonwoven
- Medical Clothes
- Absorption & Filtration

## PRODUCT FEATURE

- Non-phthalate Catalyst System
- Very High Flow Ability
- Low Volatile Content
- Narrow MWD
- Gas Fading Resistance

## REGULATION COMPLIANCE

- FDA US 21 CFR 177.1520
- Commission Regulation (EU) No. 10/2011
- RoHS Directive 2011/65/EU
- REACH Regulation (EC) No. 1907/2006
- US Model Toxics in Packaging Legislation (TPCH) - Phthalates content

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	1,200
THERMAL PROPERTY			
Volatile Content (105°C, 10 min)	EN 12099	ppm	<500

Conversion (1 MPa = 10.2 kgf/cm<sup>2</sup> | 1 J/m = 0.1 kgf-cm/cm)

Remark: The values presented above are typical laboratory, not to be construed as specifications and may vary within moderate ranges. The applicability or accuracy of this information or the suitability of our products cannot be guaranteed because users' conditions of use are beyond our control.

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## PROCESSING TECHNIQUE

Cylinder Temperature 180 - 260 °C

However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

## PRODUCT PACKAGING

- 20 kg loose bag
- 20 kg stretch wrap on palletized
- 700 kg jumbo bag

For further information, contact IRPC's Sales representative.

## STORAGE

The resin should be stored in a dry location with good housekeeping practices during storage, transferring and handling. Process enclosures and adequate ventilation should be used to avoid excessive dust accumulation. Resin should be protected from direct sunlight, temperatures above 38°C (100°F) and high atmospheric humidity during storage. Higher storage temperatures may reduce the storage time. The container should be kept closed to prevent contamination. For the additional recommended storage conditions, please refer to SDS.

## SAFETY

This product is not classified as hazardous material for more information please refer to safety data sheet.

## RECYCLING

It is an undisputed fact that the product can be recycled or disposed of without any problem.

### DISCLAIMER

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