Y381H

is produced by Oriental Energy (Zhangjiagang) New Materials Co., Ltd, based on Unipol™ process technology of Grace. Y381H is a homo-polymer PP grade produced with advanced catalyst. This type of PP shows stable performance and easy processing. It is mainly used for spunbond and non-woven fabrics.

Product Features

Homogeneity
Narrow MWD
High speed.



Application

High speed spinning
Fine denier staple fiber
Non-wovens



Typical Properties

No.	Items		Test Method	Unit	Typical Value
1	Melting Flow Rate (MFR)		GB/T 3682.1-2018	g/10min	38
2	Tensile property	Tensile Strength at Yield (σ_y)	GB/T 1040.2-2006	MPa	31
		Tensile Stress at Break (σ_B)		MPa	20
		Nominal Tensile Strain at Break (ε_{tB})		%	600
3	Yellow Index (YI)		HG/T 3862-2006	-	-2.6

Note: (1) The values listed above are typical values for reference purpose only and shall not be construed as specifications. (2) Passed FDA\RoHS\SVHC tests of SGS.

Product safety compliance

Y381H complies with GB4806.6-2016 "National Food Safety Standard for Food Contact Plastic Resin", US Food and Drug Administration (FDA) 21CFR 177.1520 (C) 1.1a, EU RoHS Directive requirements, EU No. 1907/2006 Reach regulations, passed the screening test requirements for 201 substances of high concern (SVHC); Y381H does not intentionally introduce plasticizers and other additives that does not comply with national regulations, but the user is responsible for verifying its final product compliance with applicable regulatory requirements.

Product package

PP resin can be packaged by polypropylene woven bags lined with polyethylene film or other packaging forms. The net weight of each bag can be 25kg or other.

Product transportation

PP resin is a non-hazardous goods. Throwing and using sharp tools like hook is strictly forbidden during transportation. Vehicles should be kept clean and dry. it must not be mixed with sand, crushed metal, coal and glass, or toxic, corrosive or flammable materials in transportation. It is strictly forbidden to be exposed to the sun or rain.

Product storage

This product should be stored in a well ventilated, dry, clean warehouse with effective fire protection facilities. It should be kept far away from heat sources and direct sunlight. The storage is strictly prohibited in open air. A rule of storage should be followed. The storage period is not more than 12 months since the date of production.

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