

S2040 is produced by Oriental Energy based on Innovene™ process technology of Ineos. S2040 is a homo-polymer PP grade produced with controlled rheology. This type of PP has stable performance and easy processing. It is mainly used for spunbond non-woven products.

Product Features

Homogeneity
Narrow MWD
High speed



Applications

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	40	
2	Tensile property	GB/T 1040.2-2006	Tensile Strength at Yield (σ_y)	MPa	34
			Tensile Stress at Break (σ_B)	MPa	18
			Nominal Tensile Strain at Break (ϵ_{tB})	%	400
3	Yellow Index (YI)	HG/T 3862-2006	-	-2.5	

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

S2040 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) ; S2040 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.