S2040 is produced by Oriental Energy (Ningbo) New Materials Co., Ltd, 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.	Resin Properties		Test Method	Unit	Typical value
1	Melting Flow Rate(MFR)		GB/T 3682-2000	g/10min	40
2	Tensile property	Tensile Strength at Yield(σ_y)	GB/T 1040.2-2006	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	-	<0

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

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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