TECHNICAL DATA SHEET

S1003 is produced by Oriental Energy (Ningbo) New Materials Co., Ltd, based on Innovene™ process technology of Ineos. S1003 is a homo-polymer PP grade produced with advanced catalyst. This type of PP shows stable peformance and easy processing. It is mainly used for fibers and raffia products.

Product Features

Homogeneity; High Strength,

Good Tensile Property; Easy processing;

Applications

General use; Tape, strapping, Woven bags;

Carpet Backing;







Typical Properties

No.	Resin Properties		Test Method	Unit	Typical value
1	Melting Flow Rate(MFR)		ISO 1133	g/10min	3.0
2	Tensile property	Tensile Strength at Yield (σ_y)	ISO 527	MPa	34.5
		Tensile Stress at Break σ_B)		MPa	21
		Nominal Tensile Strain at Break (ε_{tB})		%	450
3	Yellow Index(YI)		ASTM D6290	-	<0

Note: (1)The values listed above are typical values for reference purpose only and shall not be cons trued 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 packa ging forms. The net weight of each bag can be 25kg or other.

Product transportation

PPresin is a non-hazardous goods. Throwing and using sharp tools like hook is strictly forbid den during transportation. Vehicles should be kept clean and dry. it must not be mixed with san d, 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 prote ction 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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