

Technical Data Sheet of Polypropylene

HP550J Wire Drawing Grade

Test Items		Unit	Testing Standard	Specification
Melt flow rate (MFR)		g/10min	GB/T 3682.1	3.2±0.4
Isotactic index		%	GB/T 2412	≥95.5
Tensile property	Modulus of elasticity for tension (E_t)	MPa	GB/T 1040.2	≥1100
	Tensile yield stress (σ_y)	MPa		≥30.0
	Tensile stress at break (σ_B)	MPa		>15
	Tensile nominal strain at break (ϵ_{tB})	%		>150
Fisheyes	0.8mm	PCS/1520cm ²	GB/T 6595	<10
	0.4mm			<40
Yellow index		-	HG/T 3862	≤0

Product Description:

HP550J is a wire drawing grade polypropylene licensed by Lyondell Basell's Spheripol technology. Raw material propylene is produced through the PDH process, and the sulfur content of propylene monomer is extremely low(<0.2mg/kg). The product has the characteristics of high strength, corrosion resistance, high wear resistance, low smell and so on.

Product Usage:

It is typical used in wire drawing-grade application, mainly used in the production of woven bags, container bags, carpet backing (base cloth), tarpaulin and so on.

Product Packaging:

The product is packed with PE composite film, 25KG/bag.

Transportation and Storage:

The transportation facility should be kept clean, dry, and be equipped with carriage or cover cloth. During the transportation, do not mix them with sand, broken metal etc., and toxic, corrosive or flammable materials; it is strictly forbidden to exposure in the sunlight or rain.

Warehouse Storage:

It should be stored in the warehouse which is ventilated, dry and clean, also with good fire-fighting facilities. Keep away from heat sources and avoid direct sunlight. It is strictly forbidden to store in the open air. The storage period is 12 months from the date of production.