Manufacturer website: https://www.lottechem.com/en/business/basic_materials.do

GY-130

Polypropylene (Homopolymer)

Product Description

GY-130 is a Polypropylene homopolymer grade, designed for stretched PP products such as flat yarn.
it has a relatively medium flow-rate, high strength and wide molecular weight distribution.

Key Features

- Excellent stretchability
- Excellent processability

Applications

- Flat yarns(T-die type) for woven bags, tape and rope

Typical Properties

Item		Measuring Method		Value	Unit
Physical Properties	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	3.5	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical Properties	Tensile Stress (Yield)	ASTM	D638	330	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 100	%
	Flexural Modulus	ASTM	D790	15,000	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	3.9	kgf·cm/cm
Thermal Properties	Melting Temperature	LCC Method		162	℃
	Heat Deflection Temp. (4.6kgf/cm^2)	ASTM	D648	115	℃

• NOTE : These are not to be construed as specifications

*Disclaimer : All information in this document is for reference only and is not a final product specification. The content of this document is not legally binding and suitability issues regarding final use must be determined by the user, and the user alone is responsible for the outcome. The values and information specified in this document may change without prior notice for quality enhancement of the product.

Manufacturer website: https://www.lottechem.com/en/business/basic_materials.do