Y-120
Polypropylene (Homopolymer)

Product Description
Y-120 is a polypropylene homopolymer designed for stretched products such as as flat yarn
It is a low flow rate resin with a middle molecular weight distribution.

Key Features
- Excellent stretchability
- Excellent machinability

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

Typical Properties

Item		Measuring Method		Value	Unit
Physical	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	1.0	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	370	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 500	%
	Flexural Modulus	ASTM	D790	16,500	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	5	kgf·cm/cm
Thermal	Heat Deflection Temp. (4.6kgf/cm^2)	ASTM	D648	117	℃

• NOTE : These are not to be construed as specifications

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