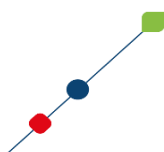


ASTM Property



Grade	Y-120
Product	Homo PP

General Information

Key Features

Y-120 is a propylene homopolymer designed for use in applications such as flat yarn
It is a low flow rate resin with a broad molecular weight distribution
It complies with FDA regulation

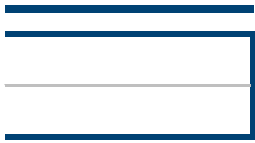
Applications

Flat yarn for woven bags, tape and rope
Vacuum forming use(food packaging/industry)

Item	Measuring Method	Unit
Physical		
Melt Flow Index	ASTM D1238	g/10min
Density	ASTM D1505	g/cm ³
Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/cm ²
Tensile Strain (Break)	ASTM D638	%
Flexural Modulus	ASTM D790	kgf/cm ²
Rockwell Hardness	ASTM D785	R
Impact		
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm
Thermal		
Heat Deflection Temperature(4.6kgf/cm ²)	ASTM D648	°C
VICAT Softening Point	ASTM D1525	°C

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01



stretched products

weight distribution

ial tray)

Value
1.0
0.900
370
≥100
16,500
103
4.7
117
125