



Grade	Y-130
Product	Polypropylene, Homopolymer

General Information

Key Features

- Stretched products & flat yarn application
- Formability, stiffness, extensibility

Applications

- Woven bag, tape, rope, fishing net

Component	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16 kg)	ASTM D1238	g/10min	4.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	16,000
Rockwell Hardness	ASTM D785	R	103
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	4.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	116
VICAT Softening Temperature	ASTM D1525	°C	151

1. Physical Properties : these are not to be construed as specifications

