



Grade	Y-125
Product	Polypropylene, Homopolymer

General Information

Key Features

- Excellent processability and extensibility
- Low flow rate resin with a broad molecular weight distribution

Applications

- Woven bags
- Tape
- Rope
- Vacuum forming (used for food packaging/industrial tray)

Component	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16 kg)	ASTM D1238	g/10min	2.1
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	15,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	5.0
Thermal Properties			
Melting Temperature	LC Method	°C	164
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	115

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

