

Grade	M9600
Product	Polypropylene Copolymer

General Information

Key Features	<ul style="list-style-type: none"> - Extrusion coating application (Woven bag & Kraft paper) - High speed processability, Low neck-in, Good adhesive property to paper, Moisture/oil permeation resistance
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Applications	- Resin products, Fish, Steel tube, Pet foods packaging
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Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	25
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	300
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Rockwell Hardness	ASTM D785	R	90
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	4.9
Thermal Properties			
Melting Temperature	LC Method	°C	162
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	100
VICAT Softening Temperature	ASTM D1525	°C	149

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

* The last update date : 2023/07/20