

ASTM Property

Grade	L-680
Product	Polypropylene, Random Copolymer

General Information

Key Features	<ul style="list-style-type: none"> - High sealing & Extrusion coating application - High speed processability, Low neck-in, Low heat seal temperature, Good bonding strength
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Applications	- Cement bag & Woven bag coating
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	44
Density	ASTM D792	g/cm ³	0.9
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	235
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	7,000
Rockwell Hardness	ASTM D785	R	80
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	4.9
Thermal			
Melting Temperature	ASTM D3418	°C	143
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	80
VICAT Softening Temperature	ASTM D1525	°C	120

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

* The last update date : 2026/06/01

