

## POPELEN G-151

## PP BLOCK COPOLYMER

### General Information

#### ● Characteristics

High Stiffness, Heat Resistance, Low Mold Shrinkage

#### ● Applications

Home Electric Goods, Aircon Fan, Industrial Appliance, etc

### Physical Properties<sup>1</sup>

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230℃)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm <sup>3</sup>	0.96
Shrinkage (MD)	LC Method	%	0.7
Shrinkage (TD)	LC Method	%	1.4
<b>Mechanical</b>			
Yield Strength	ASTM D638	kgf/cm <sup>2</sup>	600
Elongation	ASTM D638	%	3
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	31,000
Flexural Strength	ASTM D790	kgf/cm <sup>2</sup>	-
IZOD Impact Strength (23℃)	ASTM D256	kgf·cm/cm	7.0
IZOD Impact Strength (-10℃)	ASTM D256	kgf·cm/cm	-
Rockwell Hardness	ASTM D785	R	107
<b>Thermal</b>			
Heat Distortion Temp. (4.6kgf/cm <sup>2</sup> )	ASTM D648	℃	160

#### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications