

<b>Grade</b>	SF-542H
<b>Product</b>	Random PP

## General Information

## Key Features

RANPELEN SF-542H is a random terpolymer product with excellent optical properties such as transparency and gloss, and processability.

## Applications

Application for various films

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm <sup>3</sup>	0.90
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	160
Tensile Strain (Break)	ASTM D638	%	500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	4,400
<b>Impact</b>			
Notched Izod Impact Strength(23°C)	ASTM D256	kgf·cm/cm	85
<b>Thermal</b>			
Melting Temperature	ASTM D3418	°C	128
VICAT Softening Temperature	ASTM D1525	°C	104
Heat Deflection Temperature(4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	60

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

\* The last update date : 2023/08/28