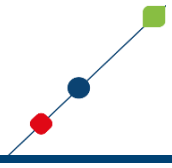
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	SF-542H
Product	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
Physical			
Melt Flow Index	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/㎤	0.90
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	160
Tensile Strain (Break)	ASTM D638	%	500
Flexural Modulus	ASTM D790	kgf/㎠	4,400
Impact			
Notched Izod Impact Strength(23℃)	ASTM D256	kgf·㎝/㎝	85
Thermal			
Melting Temperature	ASTM D3418	℃	128
VICAT Softening Temperature	ASTM D1525	℃	104
Heat Deflection Temperature(4.6kgf/㎠)	ASTM D648	℃	60

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

* The last update date : 2023/08/28