

# R3450

## Description

Polypropylene-ethylene random copolymer  
 Good clarity, balance between optical properties and physical strength  
 Complies with FDA Regulations 21 CFR177.1520 for food contact

## Application

CPP film(High slip)

Properties	Method	Condition	Unit	R3450
<b>Physical</b>				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	8
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>				
Tensile Strength at yield point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	260
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	9000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	5
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		82
<b>Thermal</b>				
Vicat Softening Temperature	ASTM D1525	A50	°C	134
Heat Deflection Temperature	ASTM D648	4.6kgf/cm <sup>2</sup>	°C	80

## Note

The properties data in this table are typical values, and not guaranteed specification.  
 Typical resin property values are measured on a standard injection molded specimens.

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