

PP

**High Transparency Impact PP** 

**► CI570** 

# Description

**Hanwha Total CI570** is an impact copolymers manufactured by Hanwha Total CSPP technology. It is specially designed for the applications which require high transparency, falling weight impact strength, stress whitening resistance, and gloss.

#### Characteristics

- ► High transparency, impact strength, gloss
- ► Stress whitening resistance

### Applications

► Transparent storage box, food container, caps & closure

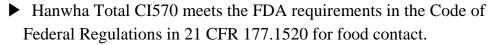
# Physical Properties

Typical Properties		Method (ASTM)	Unit	CI570
Melt flow index		D1238	g/10min	12
Density		D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield		D638	kg/cm <sup>2</sup>	290
Elongation at break		D638	%	>700
Flexural modulus		D790	kg/cm <sup>2</sup>	11,000
Izod impact	23°C	D256	kg cm/cm	15
Strength	0℃			5
Rockwell hardness		D785	R-scale	70
Heat distortion temperature		D648	$^{\circ}$	100
Haze (2 mm sheet)		D1003	%	23
Gloss (60°)		D523	%	100
Falling weight impact (0°C)		STC	J	22 (ductile)

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# Food Contact Application



In case you might need additional technical or regulatory information
please contact Hanwha Total Polymer Technical Service Team.