

# LLDPE FT710

YUCLAIR FT710 is octene-1 and butene-1 copolymer designed for use in stretch wrap and casting type packaging film application. YUCLAIR FT710 provides stronger film than ones made from competitive LLDPE film grades. Therefore YUCLAIR FT710 shows superior tensile strength, tear strength, impact strength, gel-free, cling property.

YUCLAIR FT710 can be processed readily into casting film using standard extrusion techniques.

## Application / Use Case

Film / industrial, T-Die

## Specification

	Specification	Unit	Test Method
Density	0.919	g/cm <sup>3</sup>	ASTM D1505
Melt Index	2.5	g/10min	ASTM D1238
Additives	-		SK Method

## Physical Properties

	Value	Unit	Test Method
Film Thickness	30	μm	ASTM D746
Tensile Strength at Yield(MD)	110	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Yield(TD)	110	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Break(MD)	410	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Break(TD)	360	kg/cm <sup>2</sup>	ASTM D882

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Elongation at Break(MD)	750	%	ASTM D882
Elongation at Break(TD)	780	%	ASTM D882
Tear Strength(MD)	11	g/ $\mu$ m	ASTM D1922
Tear Strength(TD)	12	g/ $\mu$ m	ASTM D1922
Spencer Impact Strength	6	kg·cm	ASTM D3420
Haze	2.0	%	ASTM D1003

Note : These are **typical properties** only, and are **not to be construed as specifications**. The physical properties are highly dependent on the manufacturing conditions. So customers should performances by their own tests.

Film Extrusion Condition: Screw Dia 40mm, Die Gap 1mm, Melt Temp( $^{\circ}$ C) 190~230

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