

# HDPE JH910F

YUCLAIR JH910F is high density polyethylene resins with narrow molecular weight distribution. YUCLAIR JH910F offers good processability and it is particularly suitable for coating applications such as protective films requiring high productivity.

YUCLAIR JH910F can be processed readily into casting film using standard extrusion techniques.

## Application / Use Case

Coating Application/ Protective Film

## Specification

	Specification	Unit	Test Method
Density	0.962	g/cm <sup>3</sup>	ASTM D1505
Melt Index	8.5	g/10min	ASTM D1238

## Physical Properties

	Specification	Unit	Test Method
Film Thickness	40	μm	ASTM D746
Elmendorf Tear Strength (MD/ TD)	1/ 2	g/μm	ASTM D1922
Tensile Strength at Yield (MD/ TD)	240/ 220	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Break (MD/ TD)	480/ 330	kg/cm <sup>2</sup>	ASTM D882
Elongation at Break (MD/ TD)	1000/ 1000	%	ASTM D882
Dart Impact Strength	70	g	ASTM D1709A
Haze	10.0	%	ASTM D1003

ISO 9001 Certified





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(°C) 190~230

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