

YUCLAIR FN819

YUCLAIR FN819 is octene LLDPE designed for use in a wide range of industrial film applications. YUCLAIR FN819 shows excellent tensile strength, tear strength, and impact strength. And outstanding clarity and good processability make YUCLAIR FN819 an ideal choice for film application. YUCLAIR FN819 can be processed readily into blown film using standard extrusion techniques.

Application / Use Case

Film / Industrial, Food and Non-Food Packaging

Specification

	Specification	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Index	0.9	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Film Thickness	40	μm	ASTM D746
Tensile Strength at Yield(MD)	120	kg/cm ²	ASTM D882
Tensile Strength at Yield(TD)	130	kg/cm ²	ASTM D882
Tensile Strength at Break(MD)	500	kg/cm ²	ASTM D882
Tensile Strength at Break(TD)	400	kg/cm ²	ASTM D882
Elongation at Break(MD)	700	%	ASTM D882
Elongation at Break(TD)	800	%	ASTM D882
Haze	15	%	ASTM D1003

ISO 9001 Certified



Dart Impact Strength	260	g	ASTM D1709A
Elmendorf Tear Strength(MD)	19	g/μm	ASTM D1922
Elmendorf Tear Strength(TD)	25	g/μm	ASTM D1922

Notes :

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.

