

# LLDPE FN415

YUCLAIR FN415 is butane-1 copolymer designed for use in dry lamination film application. YUCLAIR FN415 contains optimum of additives and is thus ideally suitable as a LLDPE resin for lamination film. YUCLAIR FN415 can be processed readily into blown film using standard extrusion techniques. YUCLAIR FN415 complies with FDA regulations in 21 CFR177.1520 for all food contact.

## Application / Use Case

Film / Dry-Lami, Protective, Automotive Packaging Film

## Specification

	Specification	Unit	Test Method
Density	0.919	g/cm <sup>3</sup>	ASTM D1505
Melt Index	1.2	g/10min	ASTM D1238
Additives	A/B		SK Method

## Physical Properties

	Value	Unit	Test Method
Film Thickness	50	μm	ASTM D746
Tensile Strength at Yield(MD)	125	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Yield(TD)	115	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Break(MD)	340	kg/cm <sup>2</sup>	ASTM D882
Tensile Strength at Break(TD)	320	kg/cm <sup>2</sup>	ASTM D882
Elongation at Break(MD)	680	%	ASTM D882
Elongation at Break(TD)	820	%	ASTM D882

ISO 9001 Certified





Elmendorf Tear Strength(MD)	3	g/μm	ASTM D1922
Elmendorf Tear Strength(TD)	13	g/μm	ASTM D1922
Spencer Impact Strength	9	kg·cm	ASTM D3420

These are typical properties only, and are not to be construed as specific limits.

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