



Data Sheet

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LLDPE FN435

YUCLAIR FN435 is butene-1 copolymer designed for use in dry lamination film application. YUCLAIR FN435 contains optimum of additives and is thus ideally suitable as a LLDPE resin for lamination film. YUCLAIR FN435 can be processed readily into blown film using standard extrusion techniques. YUCLAIR FN435 complies with FDA regulations in 21 CFR177.1520 for all food contact.

Application / Use Case

Film / Dry-Lami, industrial film

Specification

	Specification	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Index	1.2	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Film Thickness	50	μm	ASTM D746
Tensile Strength at Yield(MD)	125	kg/cm ²	ASTM D882
Tensile Strength at Yield(TD)	115	kg/cm ²	ASTM D882
Tensile Strength at Break(MD)	340	kg/cm ²	ASTM D882
Tensile Strength at Break(TD)	320	kg/cm ²	ASTM D882
Elongation at Break(MD)	680	%	ASTM D882
Elongation at Break(TD)	820	%	ASTM D882
Brittleness Temperature	<-70	°C	ASTM D746

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ISO 9001 Certified



Spencer Impact Strength	9	kg·cm	ASTM D3420
Elmendorf Tear Strength(MD)	3	g/μm	ASTM D1922
Elmendorf Tear Strength(TD)	13	g/μm	ASTM D1922
Haze	7	%	ASTM D1003
Softening Point(Vicat)	98	°C	ASTM D1525

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

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