

LLDPE FA640U

YUCLAIR FA640U is octene-1 and butene-1 copolymer designed for use in general mulching film application. YUCLAIR FA640U shows good mechanical property, weatherability and processibility.

YUCLAIR FA640U can be processed readily into blown film using standard extrusion techniques.

Application / Use Case

Film / general mulching

Specification

	Specification	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Index	2.5	g/10min	ASTM D1238
Additives	S,A/B,UV		SK Method

Physical Properties

	Value	Unit	Test Method
Film Thickness	50	μm	ASTM D746
Tensile Strength at Yield(MD)	110	kg/cm ²	ASTM D882
Tensile Strength at Yield(TD)	100	kg/cm ²	ASTM D882
Tensile Strength at Break(MD)	410	kg/cm ²	ASTM D882
Tensile Strength at Break(TD)	350	kg/cm ²	ASTM D882
Elongation at Break(MD)	760	%	ASTM D882

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Elongation at Break(TD)	770	%	ASTM D882
Tear Strength(MD)	11	g/ μ m	ASTM D1922
Tear Strength(TD)	12	g/ μ m	ASTM D1922
Spencer Impact Strength	10	kg-cm	ASTM D3420
Haze	15.0	%	ASTM D1003

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

