

MDPE FG800

YUCLAIR FG800 is octene-1 copolymer designed for use in heavy duty bag application. YUCLAIR FG800 shows superior tensile strength, tear strength, stiffness, antiblock and sealability. YUCLAIR FG800 can be processed readily into blown film using standard extrusion techniques.

YUCLAIR FG800 complies with FDA regulations in 21 CFR177.1520 for all food contact.

Application / Use Case

Film / Heavy Duty film, high strength film

Specification

	Specification	Unit	Test Method
Density	0.9335	g/cm ³	ASTM D1505
Melt Index	0.64	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Film Thickness	160	μm	ASTM D746
Softening Point(Vicat)	123	°C	ASTM D1525
Tensile Strength at Break(MD)	520	kg/cm ²	ASTM D882
Tensile Strength at Break(TD)	470	kg/cm ²	ASTM D882
Elongation at Break(MD)	750	%	ASTM D882
Elongation at Break(TD)	800	%	ASTM D882
Brittleness Temperature	< -80	°C	ASTM D746

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

ISO 9001 Certified

