

YUCLAIR® FT411

Linear Low Density Polyethylene

SK Global Chemical

Message:

YUCLAIR FT411 is a butene-1 copolymer which has good physical properties and low gel & fish-eye.
YUCLAIR FT411 has been specifically designed for use in hand wrap, food wrap, and packaging film where product qualities are absolutely essential for demanding casting processes.
YUCLAIR FT411 complies with FDA regulation 21 CFR 177.1520, 178.2010 when used unmodified and according to good manufacturing practices for food contact applications.

General Information			
Features	Butene Comonomer		
	Food Contact Acceptable		
	Low Gel		
Uses	Cast Film		
	Film		
	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
	FDA 21 CFR 178.2010		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	ASTM D374
Tensile Strength			ASTM D882
MD : Yield,30 µm	11.0	MPa	
TD : Yield,30 µm	11.0	MPa	
MD : Break, 30 µm	36.3	MPa	
TD : Break, 30 µm	33.3	MPa	
Tensile Elongation			ASTM D882
MD : Break, 30 µm	800	%	
TD : Break, 30 µm	830	%	
Dart Drop Impact (30 µm)	120	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 30 µm	120	g	
TD : 30 µm	210	g	

Optical	Nominal Value	Unit	Test Method
Haze	2.0	%	ASTM D1003

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