

YUCLAIR® FN435

Linear Low Density Polyethylene

SK Global Chemical

Message:

YUCLAIR® FN435 is a Linear Low Density Polyethylene product. It is available in Asia Pacific, Europe, or North America. Typical application: Food Contact Applications.

Characteristics include:

Antiblock

Slip

General Information			
Additive	Antiblock		
	Slip		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	ASTM D746
Tensile Strength			ASTM D882
MD : Yield	12.3	MPa	
TD : Yield	11.3	MPa	
MD : Break	33.3	MPa	
TD : Break	31.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	680	%	
TD : Break	820	%	
Spencer Impact	0.883	J	ASTM D3420
Tear Strength			ASTM D1922
MD	29.4	kN/m	
TD	127.5	kN/m	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	98.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Haze	7.0	%	ASTM D1003

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