

YUCLAIR® FG450

Linear Low Density Polyethylene

SK Global Chemical

Message:

YUCLAIR® FG450 is a Linear Low Density Polyethylene product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

Antiblock

Slip

General Information			
Additive	Antiblock		
	Slip		

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	μm	ASTM D746
Tensile Strength			ASTM D882
MD : Yield	11.3	MPa	
TD : Yield	10.3	MPa	
MD : Break	41.2	MPa	
TD : Break	34.3	MPa	
Tensile Elongation			ASTM D882
MD : Break	750	%	
TD : Break	850	%	
Elmendorf Tear Strength			ASTM D1922
MD	63.7	kN/m	
TD	127.5	kN/m	
Spencer Impact	1.18	J	ASTM D3420

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525

Optical	Nominal Value	Unit	Test Method
Haze	17	%	ASTM D1003

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Recommended distributors for this material

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