

SARANEX™ 456

Barrier Film
The Dow Chemical Company

Message:

SARANEX™ 456 Clear Coextruded Barrier Film is a multilayer film designed for use in packaging, converting and industrial liner applications.

General Characteristics:

Excellent barrier to oxygen, water vapor, flavors and aromas

Good clarity

Heat sealable

Complies with U. S. FDA requirements for food contact applications

Contact your Dow representative for more information on food contact compliance

Available widths: 18 to 40 inches or 54 to 80 inches (457 to 1016 mm or 1372 to 2032 mm)

Available core sizes: 3 or 6 inch cores (76 or 152 mm)

General Information			
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Dynamic)	0.20		Internal Method
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	150	µm	
Tensile Strength			ASTM D882
MD : Break, 150 µm	16.5	MPa	
TD : Break, 150 µm	12.4	MPa	
Tensile Elongation			ASTM D882
MD : Break, 150 µm	700	%	
TD : Break, 150 µm	700	%	
Oxygen Transmission Rate (23°C, 50% RH, 150 µm)	1.4	cm³/m²/24 hr	ASTM D3985
Water Vapor Transmission Rate (38°C, 90% RH, 150 µm)	0.78	g/m²/24 hr	ASTM F1249
Yield (152.4 µm)	6.26	m²/kg	ASTM D4321

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT