

# Hanwha Total PE 4141C

Linear Low Density Polyethylene  
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:  
414C is a linear low-density polyethylene resin for stretch-wrap films. This grade is designed to be processed in conventional cast film equipment.

General Information			
Features	Good Flexibility		
	Good Stretchability		
	Good Tear Strength		
	High Clarity		
	High Cling		
	High Tensile Strength		
	Low Density		
	Low Gel		
	Puncture Resistant		
Uses	Cast Film		
	Food Packaging		
	Stretch Wrap		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.4	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	37.3	MPa	
TD : Break	22.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	510	%	
TD : Break	630	%	
Dart Drop Impact (20 µm)	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 20 µm	110	g	
TD : 20 µm	200	g	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746

Vicat Softening Temperature	93.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Haze	0.90	%	ASTM D1003

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