

HANWHA LLDPE 3306W

Linear Low Density Polyethylene

Hanwha Chemical

Message:

HANWHA LLDPE 3306W is manufactured by Spherilene process and designed for general purpose film. LLDPE 3306W has well balanced property of mechanical property and processability.

General Information	
Additive	Antioxidation
Features	Antioxidation
	Workability, good
	Good stripping
	General
Uses	Films
	Stretch winding
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a
Forms	Particle
Processing Method	Film extrusion
	cast film

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	22.6	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	μm	
Tensile Strength			ASTM D882
MD: Break, 20 μm	34.3	MPa	ASTM D882
TD: Break, 20 μm	24.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 20 μm	500	%	ASTM D882
TD: Break, 20 μm	800	%	ASTM D882
Dart Drop Impact (20 μm)	45	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 20 μm	30	g	ASTM D1922
TD : 20 μm	430	g	ASTM D1922

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	102	°C	ASTM D1525
Peak Melting Temperature	123	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (20.0 μm)	2.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	300	°C	
Extrusion instructions			
Optimum Gage Range: 0.02 to 0.04 mm			

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

