

HANWHA LLDPE 3325W

Linear Low Density Polyethylene

Hanwha Chemical

Message:

HANWHA LLDPE 3325W is manufactured by Spherilene process and designed for variety of film application such as protective film and stretch wrap film. LLDPE 3325W has well balanced property of mechanical property and processability.

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

Physical	Nominal Value	Unit	Test Method
Density	0.911	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	18.6	MPa	ASTM D638
Tensile Elongation (Break)	960	%	ASTM D638

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	μm	
Tensile Strength			ASTM D882
MD: Break, 20 μm	39.2	MPa	ASTM D882
TD: Break, 20 μm	34.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 20 μm	600	%	ASTM D882
TD: Break, 20 μm	800	%	ASTM D882
Dart Drop Impact (20 μm)	120	g	ASTM D1709
Tensile Tear Strength			ASTM D1004
MD : 20.0 μm	117.7	kN/m	ASTM D1004
TD : 20.0 μm	122.6	kN/m	ASTM D1004

Thermal	Nominal Value	Unit	Test Method
---------	---------------	------	-------------

Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	96.0	°C	ASTM D1525
Peak Melting Temperature	121	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (20.0 μm)	2.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	150 - 190	°C	
Extrusion instructions			

Blow-up Ratio: 2 to 3 Optimum Gage Range: 0.02 to 0.1 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

