

# Daelim Po1y® LL-24W

Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

## Message:

Daelim Po1y®LL-24W is a linear low density polyethylene product. It is available in the Asia-Pacific region. Daelim Po1y®LL-24W application areas include thin plates, food contact applications and water pipes/pipes/drinking water.

Features include:

High resistance to environmental stress fracture (ESCR)

Good processability

Transparency

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Workability, good		
	Definition, high		
Uses	Piping system		
	Sheet		
Agency Ratings	ASTM D 1248, I, Class A, Cat. 4		
	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD: Yield	12.3	MPa	ASTM D882
TD: Yield	11.3	MPa	ASTM D882
MD: Fracture	45.1	MPa	ASTM D882
TD: Fracture	34.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	500	%	ASTM D882
TD: Fracture	700	%	ASTM D882
Dart Drop Impact	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	4.0	g	ASTM D1922
TD	11	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method

Haze	19	%	ASTM D1003
Additional Information			
Tear Strength, MD, ASTM D-1004: 140kg/cmTear Strength, TD, ASTM D-1004: 120kg/cm			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 - 230	°C	

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#### 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

