

# Daelim Po1y® LL-04S

Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

## Message:

Daelim Po1y®LL-04S is a linear low density polyethylene product, and the filler is glass fiber reinforced material. It is available in the Asia-Pacific region.

Daelim Po1y®LL-04S application areas include bags/linings, movies and food contact applications.

Features include:

Good processability

Transparency

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Workability, good		
	Definition, high		
Uses	Films		
	Bags		
Agency Ratings	ASTM D 1248, I, Class A, Cat. 4		
	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD: Yield	12.7	MPa	ASTM D882
TD: Yield	11.8	MPa	ASTM D882
MD: Fracture	40.2	MPa	ASTM D882
TD: Fracture	31.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	550	%	ASTM D882
TD: Fracture	700	%	ASTM D882
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	3.0	g	ASTM D1922
TD	10	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Haze	10	%	ASTM D1003

#### Additional Information

Tear Strength, MD, ASTM D-1004: 110kg/cm Tear Strength, TD, ASTM D-1004: 100kg/cm

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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

