

Daelim Po1y® LD-18AS

Low Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LD-18AS is a low density polyethylene product. It is available in the Asia-Pacific region. Daelim Po1y®LD-18AS application areas include packaging, film and food contact applications.

Features include:

- Antiblock software
- high gloss
- Good processability
- Transparency

General Information			
Additive	High caking resistance		
Features	Highlight		
	High caking resistance		
	Workability, good		
	Definition, high		
Uses	Packaging		
	Films		
Agency Ratings	ASTM D 1248, I, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Tensile Strength			ASTM D882
MD: Fracture	23.5	MPa	ASTM D882
TD: Fracture	21.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	450	%	ASTM D882
TD: Fracture	580	%	ASTM D882
Dart Drop Impact	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	9.0	g	ASTM D1922
TD	6.0	g	ASTM D1922

Optical	Nominal Value	Unit	Test Method
Haze	6.0	%	ASTM D1003
Additional Information			
Tear Strength, MD, ASTM D-1004: 95kg/cmTear Strength, TD, ASTM D-1004: 90kg/cm			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 - 175	°C	

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