

Daelim Po1y® LL-05S

Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LL-05S 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-05S application areas include film and food contact applications.

Features include:

Good processability

Transparency

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Workability, good		
	Definition, high		
Uses	Films		
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 ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	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	10.8	MPa	ASTM D882
MD: Fracture	36.3	MPa	ASTM D882
TD: Fracture	30.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	600	%	ASTM D882
TD: Fracture	800	%	ASTM D882
Dart Drop Impact	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	2.0	g	ASTM D1922
TD	9.0	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Haze	12	%	ASTM D1003
Additional Information			
Tear Strength, MD, ASTM D-1004: 105kg/cmTear Strength, TD, ASTM D-1004: 95kg/cm			

Injection	Nominal Value	Unit
Processing (Melt) Temp	170 - 210	°C

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Recommended distributors for this material

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