Braskem PE LL 4800 N

Linear Low Density Polyethylene

Braskem

Message:

LL4800N is a Linear Low Density Polyethylene, copolymer of octene-1, produced by solution process. Developed for cast film extrusion. Films obtained with this product show a good processing performance balanced with excellent mechanical and optics properties. It contains processing aid and antioxidant additives.

General Information			
Additive	Antioxidant Processing Aid		
Features	Antioxidant Good Processability Octene Comonomer Opticals		
Uses	Blending Film Liners Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Cast Film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.917	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD : Break, 25 µm,Blown Film	50.0	MPa	
TD : Break, 25 µm,Blown Film	40.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	1200	%	
TD : Break, 25 µm,Blown Film	1600	%	
Flexural Modulus			ASTM D790
1% Secant, MD : 25 µm, Blown Film	150	MPa	
1% Secant, TD : 25 µm, Blown Film	170	MPa	
Dart Drop Impact (25 µm, Blown Film)	130	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD : 25 µm, Blown Film	350	g	
TD : 25 µm, Blown Film	670	g	
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (60°, 25.0 µm, Blown Film)	52		ASTM D2457
Haze (25.0 µm, Blown Film)	34	%	ASTM D1003
Extrusion	**Nominal Value**	**Unit**	
Melt Temperature	220 to 270	°C	

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