

Alathon® M6010SB

High Density (MMW) Polyethylene
LyondellBasell Industries

Message:

Alathon M6010SB is a medium molecular weight high density polyethylene homopolymer for use in blown film applications. Typical applications include those with low WVTR requirements.

General Information			
Features	Homopolymer		
	Medium molecular weight		
Uses	Films		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	1.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	32	µm	
secant modulus			ASTM E111
MD	1340	MPa	ASTM E111
TD	883	MPa	ASTM E111
Tensile Strength			ASTM D882
MD: Yield	27.6	MPa	ASTM D882
TD: Yield	32.4	MPa	ASTM D882
MD: Fracture	64.1	MPa	ASTM D882
TD: Fracture	22.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	600	%	ASTM D882
TD: Fracture	400	%	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD	20	g	ASTM D1922
TD	600	g	ASTM D1922
Extrusion	Nominal Value	Unit	
Melt Temperature	199 - 210	°C	
Extrusion instructions			
2.2:1 Blow-up-ratio, 60 mil die gap			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT