DOWLEX™ 2606 GC

Linear Low Density Polyethylene Resin

The Dow Chemical Company

Message:

DOWLEX 2606 GC Polyethylene Resinis specifically designed for large/high output cast film lines to make high performance industrial stretch films.
Films made from DOWLEX 2606 GC exhibit an excellent balance of processability, mechanical and stretchability performance properties.
DOWLEX 2606 GC Polyethylene Resin is to be used as a core resin in coextruded cast film structures for films in the thickness range between 10 and 35 microns.
Complies with:
EU, No10/2011
U.S. FDA FCN 741
Consult the regulations for complete details.

General Information			
Agency Ratings	FDA FCN 741 Europe No 10/2011		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	23	µm	
Film Puncture Energy (23 µm)	133	J	
Film Puncture Force (23 µm)	31.0	N	
Tensile Strength			ASTM D882
MD: Yield, 23 µm	6.00	MPa	ASTM D882
TD: Yield, 23 µm	6.00	MPa	ASTM D882
MD: Break, 23 µm	36.0	MPa	ASTM D882
TD: Break, 23 µm	25.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 23 µm	400	%	ASTM D882
TD: Break, 23 µm	680	%	ASTM D882
Dart Drop Impact (23 µm)	110	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 23 µm	150	g	ASTM D1922
TD : 23 µm	450	g	ASTM D1922
Film tensile properties-maximum tensile force (23.0 µm)	36000	g	Internal method
Film Tensile Properties-Maximum Elongation (23.0 µm)	350	%	Internal method
Additional Information			

Film Properties: Cast Film fabrication at 250 m/min.

Extrusion instructions

Fabrication Conditions For Cast Film Extrusion:
Chill Roll Temperature: 20 - 40°C
Melt Temperature: 220 - 280°C
Recommended Gauge Range: 10 - 35 µm

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