INEOS LDPE 22H760

Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

22H760 is an autoclave, low density polyethylene grade for the production of thin blown films.
Applications
22H760 is intended for applications such as
Thin shrink film
Thin pouches
General packaging film
Bubble film and foam

General Information			
Additive	Antioxidation		
Features	Antioxidation High pressure heating resistance		
Uses	Films Bags Foam		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.922	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ISO 1133
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	40	µm	
Film Puncture Energy (40 µm)	1.30	J	
Film Puncture Force (40 µm)	50.0	N	
Tensile Stress			ISO 527-3
MD: Yield, 40 µm	26.0	MPa	ISO 527-3
TD: Yield, 40 µm	20.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Break, 40 µm	350	%	ISO 527-3
TD: Break, 40 µm	60	%	ISO 527-3
Dart Drop Impact (40 µm)	100	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 40 µm	5.0	N	ISO 6383-2
TD : 40 µm	3.0	N	ISO 6383-2

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ISO 306
Melting Temperature (DSC)	111	°C	ISO 3146
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (40.0 µm)	85		ASTM D2457
Haze (40.0 µm)	7.0	%	ASTM D1003

Additional Information

Tensile Modulus, ASTM D882-A, MD, 40µ: 200 MPaTensile Modulus, ASTM D882-A, TD, 40µ: 210 MPaCoefficient of Friction, ISO 8295, dynamic, 40µ: 0.9The value listed as Melting Point ISO 3146, was tested in accordance with ISO 11357/03.The value listed as Elmendorf Tear Strength ISO 6383-2, was tested in accordance with ISO 8483/2The values listed as Film Puncture Energy and Force, were tested in accordance with ASTM D5748.

Extrusion	Nominal Value	Unit
Melt Temperature	150 - 180	°C

Recommended distributors for this material

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