

# INEOS LDPE 24F760

Low Density Polyethylene

INEOS Olefins & Polymers Europe

## Message:

24F760 is an autoclave LDPE grade developed intended for lamination film and general packaging film. 24F760 is developed to give film with good optical properties and low gel level for medium duty film.

### Applications

24F760 is intended for applications such as

Lamination films/ Food packaging

Fine shrink films

Carrier-bag films

Pouches

General Information			
Additive	Antioxidation		
Features	Low speed solidification crystal point		
	Optical		
	Antioxidation		
	High pressure heating resistance		
Uses	Films		
	Laminate		
	Food packaging		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.75	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
Tensile Stress			ISO 527-3
MD: Yield, 40 µm	27.0	MPa	ISO 527-3
TD: Yield, 40 µm	24.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Break, 40 µm	250	%	ISO 527-3
TD: Break, 40 µm	550	%	ISO 527-3
Dart Drop Impact (40 µm)	120	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 40 µm	4.0	N	ISO 6383-2
TD : 40 µm	2.0	N	ISO 6383-2

Optical	Nominal Value	Unit	Test Method
Gloss (40.0 μm)	80		ASTM D2457
Haze (40.0 μm)	10	%	ASTM D1003

#### Additional Information

Tensile Modulus, ASTM D882-A, MD, 40μ: 230 MPaTensile Modulus, ASTM D882-A, TD, 40μ: 260 MPaCoefficient of Friction, ISO 8295, dynamic, 40μ: 0.8The value listed as Elmendorf Tear Strength ISO 6383-2, was tested in accordance with ISO 8483/2

Extrusion	Nominal Value	Unit
Melt Temperature	160 - 190	°C

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#### Recommended distributors for this material

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