

INEOS LDPE 22G764

Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

22G764 is an autoclave, low density polyethylene grade developed to give strong film for medium duty applications.

- Applications
- 22G764 is intended for applications such as
- Thin shrink film
 - Carrier-bag films
 - Pouches and refuse sacks
 - General packaging film

General Information			
Additive	Antiblock (850 ppm) 2 Antioxidant		
Features	Antiblocking Antioxidant Autoclavable		
Uses	Film		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	> 0.50		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	ASTM D882A
Secant Modulus			
MD : 40 µm	170	MPa	
TD : 40 µm	200	MPa	ISO 527-3
Tensile Stress			
MD : Yield, 40 µm	26.0	MPa	
TD : Yield, 40 µm	23.0	MPa	ISO 527-3
Tensile Elongation			
MD : Break, 40 µm	300	%	
TD : Break, 40 µm	500	%	ISO 7765-1
Dart Drop Impact (40 µm)	160	g	

Elmendorf Tear Strength - MD (40 μm)	4.0	N	ISO 6383-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306
Melting Temperature	110	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 40.0 μm)	65		ASTM D2457
Haze (40.0 μm)	8.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	180	°C	

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