

24F564

Product Technical Information

LDPE for Blown film

24F564 is an autoclave LDPE grade developed for lamination film and general packaging film. 24F564 gives film with good optical properties and low gel level for medium duty film.

Applications

24F564 is intended for applications such as

- Lamination films/ Food packaging
- Fine shrink films
- Carrier-bag films
- Pouches

Properties		Test Method	Value	Units
Physical				
Melt flow rate (190°C/2.16 kg)		ISO 1133	0.75	g/10 min
Density		ISO 1183	924	kg/m ³
Antiblock (Talc)		INEOS method	1200	ppm
Slip (Erucamide)		INEOS method	450	ppm
Other additive: antioxidant				
Film*				
Tensile strength	MD/TD	ISO 1184	27/24	MPa
Strain @ break	MD/TD	ISO 1184	250/550	%
Tensile modulus	MD/TD	ISO 1184	200/250	MPa
Coefficient of friction	Dynamic	ISO 8295	0.15	-
Haze		ASTM D 1003	7	%
Gloss (45°)		ASTM D 2457	70	% ₀₀
Dart drop		ASTM D 1709	120	g

- Data should not used for specification work

* Film properties are measured on a 40µm film sample produced on a 60mm W&H extruder with IBC cooling at BUR=2.5. MD = machine direction, TD = transverse direction



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Storage and Handling

24F564 should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation which results in odour generation and colour changes, and can have negative effects on the physical properties of the product.

Processing guidelines

24F564 is easily processed on conventional extruders.

Recommended melt temperature range is from 160°C to 190°C. Due to differences in screw and die head designs the optimum temperature adjustments are individual and should be sought for each production line.

With suitable equipment 24F564 can be drawn down to 20-30 micron.

Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@innovene.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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