

22G564

Product Technical Information

LDPE for Blown film

22G564 is an autoclave, low density polyethylene grade developed to give strong film for medium duty applications.

Applications

22G564 is intended for applications such as

- Carrier-bag films
- Pouches refuse sacks
- General packaging film

Properties	Test Method	Value	Units
Physical			
Melt flow rate (190°C/2.16 kg)	ISO 1133	1.2	g/10 min
Density	ISO 1183	922	kg/m ³
Melting temperature	ISO 11357/03	110	°C
Vicat softening temperature	ISO 306	96	°C
Additive: antiblock (850 ppm, Talc)			
Additive: antioxidant			
Additive: slip (450 ppm, Erucamide)			
Film*			
Tensile strength	MD/TD	ISO 527-3	26/23
Strain @ break	MD/TD	ISO 527-3	300/500
Tensile modulus	MD/TD	ASTM D 882-A	180/180
Coefficient of friction	Dynamic	ISO 8295	0.15
Haze		ASTM D 1003	8
Gloss		ASTM D 2457	85
Dart drop		ISO 7785/1	140
Elmendorf			g
Tear Strength	MD/TD	ISO 8483/2	4/2
Puncture resistance, force		ASTM D 5748	53
Puncture resistance, energy		ASTM D 5748	2

- 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=12,5. MD = machine direction, TD = transverse direction