



22G764

Product Technical Information

LDPE for Blown film

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

| 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 | |
| Antiblock (Talc) | INEOS method | 850 | ppm | |
| Other additive: antioxidant | | | | |
| Film* | | | | |
| Tensile strength | MD/TD | ISO 527-3 | 26/23 | MPa |
| Strain @ break | MD/TD | ISO 527-3 | 300/500 | % |
| Tensile modulus | MD/TD | ASTM D 882-A | 170/200 | MPa |
| Coefficient of friction | Dynamic | ISO 8295 | > 0.5 | - |
| Haze | | ASTM D 1003 | 8 | % |
| Gloss (45°) | | ASTM D 2457 | 65 | % |
| Dart drop | | ISO 7785/1 | 160 | 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