



Purell 2007H

Polyethylene, Low Density

Product Description

Purell 2007H is a low density polyethylene which exhibits good flexibility and contains an antiblocking agent. The grade is used by our customers for injection moulding and film applications in the healthcare market.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Processing Methods	Blown Film, Cast Film, Injection Molding
Features	Unspecified Antiblocking , Fast Cycle (Production) , Low Density, Ethylene Oxide Sterilisation, Good Flexibility
Typical Customer Applications	Caps & Closures (Healthcare), Healthcare Applications, Medical, Medical Devices, Medical Film, Pharmaceutical

Typical Properties	Method	Value	Unit
Physical			
Density (23°C)	ISO 1183	0.920	g/cm ³
Melt flow rate (190°2.16)	ISO 1133	1.5	g/10 min
Mechanical			
Tensile stress at yield	ISO 527	9	MPa
Tensile modulus	ISO 527	200	MPa
Hardness			
Shore hardness (Shore D)	ISO 868	45	
Ball indentation hardness H 49/30	ISO 2039	15	MPa
Thermal			
Melting Temperature	ISO 3146	108	°C
Vicat softening temperature A/50	ISO 306	88	°C

Additional Properties

Recommended processing temperatures: 190°C to 230°C.

Notes

Typical properties; not to be construed as specifications.