

## Technical Data Sheet

### Purell 2007H



Low Density Polyethylene

#### 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.

<b>Application</b>	Caps & Closures (Healthcare); Healthcare Applications; Medical Devices; Medical Film
<b>Market</b>	Flexible Packaging; Healthcare; Rigid Packaging
<b>Processing Method</b>	Blown Film; Cast Film; Injection Molding
<b>Attribute</b>	Ethylene Oxide Sterilisation; Fast Cycle (Production); Good Flexibility; Low Density; Unspecified Antiblocking

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	1.5	g/10 min	ISO 1133-1
Density	0.920	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Modulus	200	MPa	ISO 527-1, -2
Tensile Stress at Yield	9	MPa	ISO 527-1, -2
<b>Hardness</b>			
Shore Hardness, (Shore D)	45		ISO 868
Ball Indentation Hardness, (H 49/30)	15	MPa	ISO 2039-1
<b>Thermal</b>			
Vicat Softening Temperature, (A/50)	88	°C	ISO 306
Peak Melting Point	108	°C	ISO 11357-3