

Purell GC7260 G (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	8	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1350	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	10	%	ISO 527
Notched Impact Strength (Charpy), +23°C	4	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	2.5	kJ/m²	ISO 179/1eA
Shore Hardness D (15s)	64	-	ISO 868
Ball Indentation Hardness	57	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	72	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	960	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Low Odor, Low Warpage, Soft Feel, Thermal Stability

Certifications

Medical, Biocompatibility ISO 10993, Food approval, Food approval 1935/2004/EC, Food Contact (FDA)

Applications

Medical