

Purell GB7250 (PE-HD)

LyondellBasell Industries

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

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1000	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Yield strain	10	%	ISO 527
Notched Impact Strength (Charpy), +23°C	2.5	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	2	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	64	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	952	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Low Warpage

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI
Approved, Drug Master File

Applications

Medical