

Purell GA7760 (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	18	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
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	71	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	963	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Low Warpage

Certifications

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

Applications

Medical