

Hostalen GC 7258 (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	1400	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	7	%	ISO 527
Notched Impact Strength (Charpy), +23 °C	4	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30 °C	4.5	kJ/m ²	ISO 179/1eA

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	958	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

Impact modified

Features

Low Warpage

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Sports Equipment

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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