

Hostalen GD 7255 (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	4	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	8	%	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
Shore Hardness D (15s)	60	-	ISO 868
Ball Indentation Hardness	52	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50 °C/h 50N	73	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	955	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets

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