

Hostalen GD 7255 LS (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, UV stablized

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