

Lupolen GX 4087 (PE-LD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	200	MPa	ISO 527
Yield stress	9	MPa	ISO 527
Yield strain	15	%	ISO 527
Stress at Break	15	MPa	ISO 527
Strain at Break	500	%	ISO 527
Shore Hardness D (15s)	45	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	108	°C	ISO 11357-1/-3
Vicat softening temperature A	88	°C	ISO 306

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Volume Resistivity	1E15	Ohm*m	IEC 62631-3-1
Electric Strength	22	kV/mm	IEC 60243-1

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	919	kg/m³	ISO 1183

Characteristics

Processing

Wire/Cable Extrusion

Delivery form

Pellets

Features

Foamable, Low Gel

Chemical Resistance

Oxidation Resistance

Applications

Building Construction, Electrical and Electronical