

Lupolen GX 5038 (PE-HD)

LyondellBasell Industries

Material is a new generation hexene linear high density polyethylene.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	2	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	10	%	ISO 527

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	945	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 230	°C	-

Characteristics

Processing

Injection Molding

Features

Low Warpage

Delivery form

Pellets

Chemical Resistance

Environmental Stress Crack Resistance

Special Characteristics

Impact modified

Applications

Automotive