

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/m ³	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

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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