

# ALCUDIA® HDPE M5309

High Density Polyethylene  
REPSOL

Message:

ALCUDIA® M5309 is a medium melt flow rate high density polyethylene with medium molecular weight distribution. It offers optimum processing properties for production of monofilaments with good tensile strength at break.

TYPICAL APPLICATIONS

ALCUDIA® M5309 gives flexible monofilaments with very low fibrillation tendency suitable for textile applications:

Nets

Webs

Recommended melt temperature range from 210 to 230°C. Processing conditions should be optimised for each production line.

General Information			
Features	Medium liquidity		
	Medium wide molecular weight distribution		
Uses	monofilament		
	Web		
Processing Method	Filament extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.95	g/10 min	ISO 1133
Extrusion	Nominal Value	Unit	
Melt Temperature	180 - 230	°C	
Extrusion instructions			

Stretching Ratio: 8 to 10

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Recommended distributors for this material

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WECHAT