



Specification of HDPE A4009MFN1325

A4009MFN1325 is a homopolymer of high density polyethylene with a narrow molecular weight distribution, well suited for multiple applications such as ropes and elongated yarns.

PROPERTIES:

- High strength monofilament and tape
- Release form: Granules
- Very low gel content
- Superior process performance and surface quality
- Very low moisture / vapor conductivity

Examples of applications:

- Monofilament Extrusion
- High strength tapes
- Lines of cereal products
- Injection molding



Typical physical properties

Properties	Typical value	Unit.	Test method
Melt Flow Rate ((2.16kg load))	0.90	g/10min	ISO 1133 Cond. D
Density	960	kg/m ³	ISO 1872/1
Tensile Strength at Yield Strength	30	MPa	ISO 527-2
Tensile strength at break	22	MPa	ISO 527-2
Hardness (hardness scale)	> 500	%	ISO 527-2
Modulus of elasticity at break	1100	MPa	ISO 178

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