

Rigidex® HD6030BM

High Density Polyethylene
INEOS Olefins & Polymers Europe

Message:

RIGIDEX® HD6030BM is a High Density Polyethylene copolymer manufactured by INEOS Olefins & Polymers Europe using its proprietary supported catalyst & process.
It is especially suited for applications requiring excellent processability, high rigidity and enhanced stress cracking resistance.

Benefits & Features

- Very good injectability
- High rigidity
- Good stress cracking resistance
- Improved rigidity/stress cracking resistance compromise

Applications

- Cartridges
- Caps & Closures (non beverages)
- Technical parts
- Beverages over-caps
- Bins
- Crates, boxes, household items

General Information			
Features	Good ESCR (Stress Crack Resist.)		
	Rigidity, high		
	Copolymer		
	Workability, good		
Uses	Engineering accessories		
	Shield		
	Household goods		
	Shell		
	Loading box		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.960	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1500	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	31.0	MPa	ISO 527-2/50
NOTE			
1.	Density ISO 17855-1		

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Recommended distributors for this material

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