

TOTAL Polyethylene HD 6081

High Density Polyethylene

TOTAL Refining & Chemicals

Message:

HD 6081 is a high density polyethylene with very good organoleptic properties, rigidity and processability.

It is especially suited for the production of caps & closures for non-carbonated drinks by injection moulding. Other typical applications include other caps & closures, pails & crates and general-purpose injection-moulded articles.

This grade does not contain a slip agent.

General Information			
Features	General Purpose Good Organoleptic Properties Good Processability High Rigidity		
Uses	Caps Closures Crates General Purpose Pails		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	133	°C	ISO 11357-3
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	< 250	°C	

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Recommended distributors for this material

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