

TOTAL Polyethylene HDPE 7195

High Density (MMW) Polyethylene

TOTAL Refining & Chemicals

Message:

TOTAL Polyethylene 7195 is a high density (MMW) polyethylene material. This product is available in North America and is processed by extrusion. The main characteristics of TOTAL Polyethylene 7195 are: compliance with REACH standard.

Typical application areas include:

textile/fiber

Movie

glue/gummed paper

General Information			
Features	Narrow molecular weight distribution		
	Medium molecular weight		
Uses	Films		
	Strap		
	monofilament		
	Fabric		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.946	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.55	g/10 min	ASTM D1238
190°C/5.0 kg	1.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ¹	689	MPa	ASTM D638
Tensile Strength ² (Yield)	22.1	MPa	ASTM D638
Tensile Elongation ³ (Break)	500	%	ASTM D638
Flexural Modulus	793	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	125	°C	ASTM D3418
Additional Information			
Elongation at Break, ASTM D638, Type IV, 2 in/min: 500%			
NOTE			
1.	Type 4, 51mm/min		
2.	Type 4, 51mm/min		
3.	Type 4, 51mm/min		

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Recommended distributors for this material

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