

# Jam 50401

High Density Polyethylene  
Jam Petrochemical Company

Message:

50401 is a HDPE grade for monofilament applications, which combines good processability with high tenacity.  
50401 is also well suited for multiply applications, like ropes.

- Features
- HDPE grade
  - good processability with high tenacity
  - well suited for multiply applications
- Applications
- Stretched application grade
  - Monofilament

General Information			
Additive	Processing aid		
	Anti-caking agent		
	Antioxidation		
Features	Anti-caking property		
	Antioxidation		
	Workability, good		
Uses	monofilament		
	Rope		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	30	%	ASTM D2101
Additional Information	Nominal Value	Unit	Test Method
Tenacity of Fibers - at Break	5.60	g/denier	ASTM D2101

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