

HDPE made via Spherilene Process



Product data sheet
50401

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.

HDPE: 50401

Density: 0.950

MFI: 0.9

Features



- HDPE grade
- good processability with high tenacity
- well suited for multiply applications

Applications



- Stretched application grade
- Monofilament

Additives



- THERMAL ANOTIOXIDANT
- ANTIBLOCKING AGENT
- PROCESSING AID

Material properties (This data are typical values and are not to be construed as product specifications.)

Resin properties	Unit	Typical values	ASTM Method
Melt Index	(g/10')	0.9	D 1238
Density	(g/10')	0.9500	D 1505
Physical properties @			
Tenacity at break	(g/den)	5.6	D 2101
Ultimate elongation	(%)	30	D 2101
@ On 280 denier filament			