



## HDPE made via Spherilene Process



### Product data sheet **526H1**

526H1 is a HDPE copolymer for rigid blown film, with high molecular weight, and broad molecular weight distribution. 526H1 is well suited for applications requiring the best compromise between a good processability and outstanding film stiffness.

**HDPE:526H1**

**Density: 0.952**

**MFI: 0.15(190C/5kg)**

#### Features



- HDPE copolymer for rigid blown film
- high molecular weight and broad molecular weight distribution.
- best compromise between a good processability and outstanding film stiffness

#### Applications



- Film grade

#### Additives



- Grade under final development, to be industrialised.

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

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Resin properties	Unit	Typical values	ASTM Method
Melt Flow rate (190 °C/5Kg)	(g/10')	0.15	D 1238
MFRs ratio (F/P)	(g/10')	>20	D 1238
Density	(g/ml)	0.952	D 1505
Physical properties @			
Tensile modulus, MD, (sec.2%)	(MPa)	900	D 882
Tensile modulus, TD, (sec.2%)	(MPa)	800	D 882
Tensile strength at yield, MD	(MPa)	50	D 882
Tensile strength at yield, TD	(MPa)	30	D 882
Elongation at break, MD	(%)	300	D 882
Elongation at break, TD	(%)	> 700	D 882
Dan impact resistance	(g)	70	D 1709/A
Tear propagation, MD	(g)	250	D 1004
Tear propagation TD	(g)	410	D 1004

@ On blown film, 15 µ, on a 80 mm industrial line.