

Technical Datasheet

524H1FX

1) Product Description:

524H1FX is a HDPE copolymer suitable for production of high stiffness blown film. This grade shown outstanding bubble stability at high film line speed and at low downgauging. It is well suited for monolayer film, blending and coextrusion.

2) Additives:

- ✓ Grade under final development, to be industrialized.

3) Applications:

- ✓ Film grade
- ✓ Monolayer film

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Index (190 °C/ 5 kg)	D 1238	(g/10min)	0.15
Density	D1505	(g/ml)	0.9520
Dart Impact resistance	D 256/A	(g)	70
2 % Secant Modulus MD	D 882	MPa	900
2 % Secant Modulus TD	D 882	MPa	800
Tensile strength at yield MD	D 882	MPa	50
Tensile strength at break MD	D 882	MPa	52
Tensile strength at yield TD	D 882	MPa	30
Tensile strength at break TD	D 882	MPa	45
Tear propagation MD	D 1004	(g)	200
Tear propagation TD	D 1004	(g)	400

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