

Technical Datasheet

12YF6

1) Product Description:

12YF6 is a hexene HP-LLDPE blown film grade for high performance applications. This resin processes easier than conventional LLDPEs and has low gels.

2) Applications:

- ✓ Blown film grade
- ✓ Liner

3) Additives:

- ✓ Thermal antioxidant
- ✓ Antiblocking agent
- ✓ Slip agent

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Index (190 °C/ 2.16 kg)	D 1238	(g/10min)	0.60
Density	D1505	(g/ml)	0.9120
Dart Impact	D 1709	(g)	400
Elmendorf Tear MD	D 1922	(g)	330/540
Tensile strength at yield	D 882	MPa	11.2/10.5
Tensile strength at break	D 882	MPa	45/37
Ultimate elongation	D 882	%	560/690
2 % Secant modulus	D 882	MPa	180/190
Haze	D 1003	%	39
Gloss 45°	D 2457		27

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