

Technical Datasheet

10Y02

1) Product Description:

10Y02 is a hexene HP-LLDPE film resin that combines ease of processing with excellent physical properties. This resin is particularly suited for stretch wrapping applications, especially as a core layer in coextruded films, as it shows a very good film strength and stretchability.

2) Applications:

- ✓ Cast film grade
- ✓ hexene HP-LLDPE film resin
- ✓ Core layer in coextruded films

3) Additives:

- ✓ Thermal antioxidant

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Index (190 °C/ 2.16 kg)	D 1238	(g/10min)	2.2
Density	D1505	(g/ml)	0.9100
Dart Impact	D 1709	(g)	180
Puncture resistance	Montell	(N)	17.4
Elmendorf Tear	D 1922	(g)	150/350
Tensile strength at yield	D 882	MPa	10.0/9.0
Tensile strength at break	D 882	MPa	46.5/34.5
Ultimate elongation	D 882	%	480/800
2 % Secant modulus	D 882	MPa	105/110
Haze	D 1003	%	3.0
Gloss 45°	D 2457		75