

**Huntsman Rexell® H2104 Injection Molding LLDPE (discontinued \*\*)**

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

**Material Notes:**

Linear-low high density homopolymer, injection molding, FDA compliant. Features: High flow and short cycle times. Applications: Thin wall containers. FDA Notes: Conforms to FDA regulation 21 CFR 177.1520 (c)3.2.a Information provided by Huntsman Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Huntsman-Rexell-H2104-Injection-Molding-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Huntsman-Rexell-H2104-Injection-Molding-LLDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	ASTM D1505
Viscosity	42 cP	42 cP	Apparent viscosity; ASTM D3835
	@Shear Rate 5000 1/s, Temperature 230 °C	@Shear Rate 5000 1/s, Temperature 446 °F	
	73 cP	73 cP	
	@Shear Rate 1000 1/s, Temperature 230 °C	@Shear Rate 1000 1/s, Temperature 446 °F	Apparent viscosity; ASTM D3835
	102 cP	102 cP	Apparent viscosity; ASTM D3835
	@Shear Rate 300 1/s, Temperature 230 °C	@Shear Rate 300 1/s, Temperature 446 °F	
Melt Flow	34 g/10 min	34 g/10 min	Melt Flow Ratio (I10/I2) is 7.3; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	ASTM D2240
Tensile Strength, Ultimate	10.0 MPa	1450 psi	ASTM D638
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Modulus of Elasticity	1.262 GPa	183.0 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	121 °C	250 °F	ASTM D1525

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**