

HD2000F

Special Characteristics : InnoPlus HD2000F is high density polyethylene with good compatibility with LDPE and LLDPE. Moreover, this grade tailor with high stiffness and good tensile strength.

Typical Applications : Blending with LDPE or LLDPE for extrusion coating and film application

Typical Properties :

Properties	HD2000F	Unit	Test Method
Physical Properties			
Melt Flow Rate (190 °C, 2.16 kg)	8	g/10 min	ASTM D1238
Density	0.962	g/cm ³	ASTM D1505
Vicat softening point	127	°C	ASTM D1525
Melting Temperature	135	°C	ASTM D3418
Mechanical Properties			
Tensile Strength at Break (MD/TD)	39 / 22	MPa	ASTM D882
Elongation at Break (MD/TD)	900 / 560	%	ASTM D882
Tensile Modulus, 2% Secant (MD/TD)	580 / 700	MPa	ASTM D882
Tear Strength (MD/TD)	20 / 130	g	ASTM D1922
Haze	16	%	ASTM D1003

* Film made on internal laboratory casting line. Typical film properties obtained from 25 micron film.

Recommendation :

The recommended temperature setting is in the range 300-330 °C for extrusion coating

FDA Statement :

Food and Drug Administration US FDA 21 CFR 177.1520 and Commission Regulation (EU) 10/2011.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however, we do not assume any liability what so ever for the accuracy and completeness of such information. We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

Note : Properties reported here are typical values of the product, not to be considered as specifications.

GC makes no representations as to the accuracy or completeness of the information contained herein.