IND HEMP
OILSEEDS & FIBER

The Goodness of **Hemp Hurd**

Hemp Hurd Compounding & Product Capabilities

MADE IN MONTANA USA

IND HEMP fiber is the perfect starting point to connect "eco" with industry. IND HEMP hurd fibers are ideal for absorbent applications and biocomposites. Our hurd fiber products are sustainably sourced, rapidly renewable and dust- & chemical-free.

Good for a variety of uses, in a variety of markets.

- Building Materials
- Functional additives
- Bio Composites / Natural fillers

Markets:

- Compounding with thermoplastics
- Building materials
- Oil & Gas
- Plastics

IND HEMP has a state-of-the-art hemp processing operation at Fort Benton, MT.

Hemp bast and hurd fiber are produced through *decortication*, the process where a hemp stalk is physically separated and cleaned. Our IND HEMP processing line is capable of handling up to 5 tons of raw stalk per hour. **Contact us to discover how our hemp capabilities can help meet your goals.**

IND HEMP HURD CAN BE MILLED INTO A VARIETY OF CONSISTENCIES FOR USE IN DIFFERENT APPLICATIONS:

MILLED 30

MILLED 60

MILLED 99

FINE HURD BLEND

1210 22nd St Fort Benton, MT 59442 · **406-622-5680** · **sales@indhemp.com** · **indhemp.com**

OVERVIEW

The process starts by separating the outer bast fiber from the inner woody core (hurd) of the stalk. The core is further cleaned, milled, fractionated, and packaged.

Applications:

- Compounding with thermoplastics
- Loss circulation fluid
- Building applications (hempcrete)
- Animal bedding
- Spill kits, wastewater treatment
- Non-Wood Pulping
- Pelletization/Briquetting

Benefits:

- Rapidly renewable material
- Increased composite stiffness
- Sustainably grown and processed in USA
- Highly absorbent, light weight

PRODUCT SPECIFICATION

Source material: Hemp

	Unit
Bulk Density	4.5 - 7.5 lb/ft^3
Moisture Content	6 - 10%
Fiber Content	< 5%

USDA Organic-Certified hurd available

PARTICLE SIZE

Material	Product I.D.	Mean Particle Size (mm)		Acceptable Particle Distribution US Sieve Size 8 OPG. (mm) > 2.36	30 > 0.60	60 > 0.25	pan > 0	Fiber%
Milled Hurd 30	**9091123**	1.063	Max.	**30%**	**100%**	**25%**	**1%**	
			Min.	**0%**	**50%**	**0%**	**0%**	
Milled Hurd 60	**9091105**	.353	Max.	**1%**	**10%**	**100%**	**25%**	
			Min.	**0%**	**0%**	**55%**	**0%**	
Milled Hurd 99	**9091087**	0.183	Max.	**1%**	**3%**	**20%**	**100%**	
			Min.	**0%**	**0%**	**0%**	**50%**	**Fiber%**
Fine Hurd Blend	**9091202**	0.43	Max.	**1%**	**25%**	**25%**	**100%**	**20%**
			Min.	**0%**	**10%**	**10%**	**50%**	**5%**

Weight Range per Mesh (ASTM D1921)

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