



BESTON GROUP CO., LTD

9 FLOOR, 6 BUILDING, E-COMMERCIAL PORT OF CENTER, ZHENGZHOU CITY, CHINA

WEB: www.bestongroup.com

Pyrolysis Test

Date: 2025/07/01

Sender: Ms. Dou

Sample information:			
Name	LDPE plastic mulching film (pure)	Weight	/
Sample status	/	Sampling weight	80g
Time	1 h 14 min	Temperature	337°C
Testing progress: Thermal pyrolysis			
No.	Time	Flue gas temperature	Remark
1	09:32	27°C	Start heating
2	09:47	50°C	Smoke production starts
3	09:51	80°C	Heavy smoke production
4	09:54	102°C	Oil production starts
5	09:57	134°C	Oil production increases
6	10:09	320°C	/
7	10:09	318°C	Oil production decreases
8	10:15	337°C	/
9	10:22	309°C	Oil production stops
10	10:46	196°C	Stop heating
Result:			
Item	Composition	Unit/g	Ratio/%
	Oil	64g	80.00%
	Residue	4g	5.00%
	Gas	12g	15.00%
Test summary			
Noted: The above data is for reference only		Signature:	

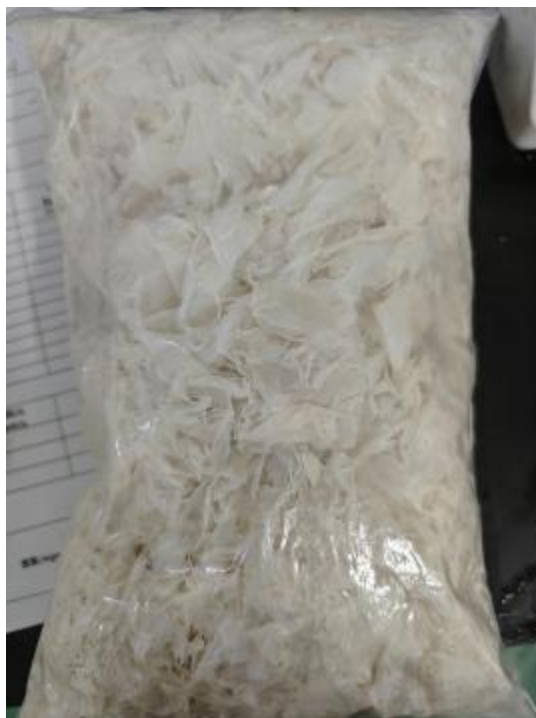


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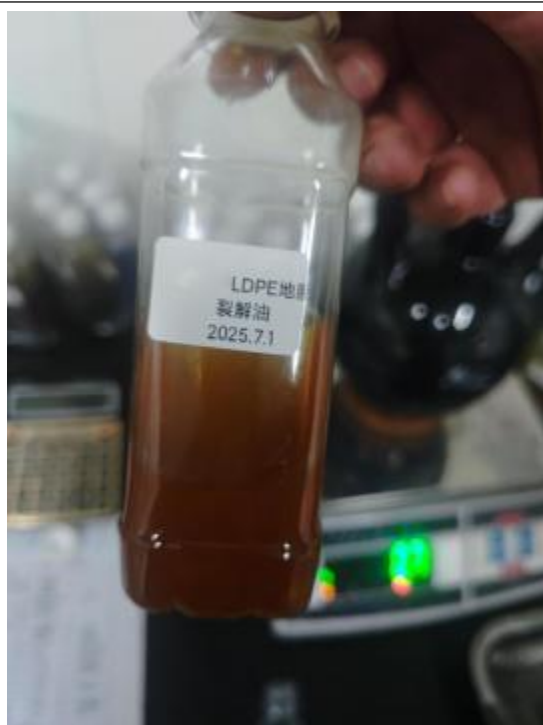
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Raw Material



Oil Product



Solid Residue

