



BESTON GROUP CO., LTD

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

WEB: www.bestongroup.com

Pyrolysis Test

Date: 2025/07/08

Sender: Ms. Wen

Sample information:			
Name	Plastic bottle caps	Weight	/
Sample status	/	Sampling weight	200g
Time	1 h 5 min	Temperature	314°C
Testing progress: Catalytic pyrolysis			
No.	Time	Flue gas temperature	Remark
1	11:05	26°C	Start heating
2	11:30	152°C	Oil production starts
3	11:34	177°C	Oil production increases
4	11:35	186°C	Smoke production starts
5	11:43	314°C	Heavy smoke production
6	12:02	260°C	Oil production decreases
7	12:10	194°C	Stop heating
Result:			
Item	Composition	Unit/g	Ratio/%
	Oil	160g	80.00%
	Residue	8.5g	4.25%
	Gas	31.5g	15.75%
Test summary			
Noted: The above data is for reference only		Signature:	



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Raw Material



Oil Product



Solid Residue

