

सिपेट : स्कूल फार एडवांस्ड  
रिसर्च इन पेट्रोकेमिकल्स (एस. ए. आर. पी)  
एडवांस्ड पॉलीमर डिसेन रिसर्च & डेवेलपमेन्ट  
रिसर्च लॉबोरेटोरी, (ए.पी.डी.डी.आर.एल)  
रसायन एवं पेट्रोसायन विभाग  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
प्लॉट नंबर : ७ पि, हार्ट टेक रक्ष और एयरोस्पेस पार्क  
(आईटी सेक्टर), जलाहोवली, बेंगलुरु - 562149  
ई-मेल : apddrl@cipet.gov.in  
मुख्यालय : सिपेट, गिंडी, चेन्नै - 600032



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CIPET : SCHOOL FOR ADVANCED  
RESEARCH IN PETROCHEMICALS (SARP)-  
ADVANCED POLYMER DESIGN & DEVELOPMENT  
RESEARCH LABORATORY (APDDRL)

Dept. of Chemicals & Petrochemicals,  
Ministry of Chemicals & Fertilizers, Govt. of India  
Plot No. 7P. Hi Tech Defence and Aerospace Park  
(IT Sector), Jala Hobli, Bengaluru - 562 149  
E-mail : apddrl@cipet.gov.in

Head Office : CIPET, Guindy, Chennai - 600032

CIPET: SARP-APDDRL/BLR/Testing/2023-24/2833

Dated: 19.04.2023

To  
M/s. Lotus Polymers Industries,  
B78 & B79 KSSIDC  
Bommasandra, Hosur Road,  
Bengaluru - 560099

Dear Sir,

Sub.: Test Report – reg.

Ref.: I) Your letter dtd. 30.10.2021  
II) Our Test Report No. 21134 dtd. 03.11.2021  
III) Your email dtd. 19.04.2023

We are enclosing herewith Revised Test Report No. 21134 dtd. 19.04.2023 pertaining to testing of your submitted sample.

You are requested to kindly fill-in and send back the Customer Feedback Form enclosed herewith.

Thanking you,

With regards,

Authorized Signatory

Encl: As above

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगस्तला, बही, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्दपुर, चेन्नै, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुश्ल, मैसूरु, रायपुर, राँची, बलसाड एवं विजयवाडा  
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## TEST REPORT(Revised)

Page 1 of 2

Test Report No : 21134

Date : 19.04.2023

Issued to :

To

M/s. Lotus Polymers Industries,  
B78 & B79 KSSIDC  
Bommasandra, Hosur Road,  
Bengaluru - 560099

Ref.: Your letter dtd. 30.10.2021, our Test Report no. 21134 dtd. 03.11.2021 & Your email dtd. 19.04.2023

### PART A: PARTICULARS OF SAMPLE SUBMITTED

Nature of Sample	:	“Granules” as declared by the party.
Grade / Variety / type / Size / Class etc.	:	“LDPE & LLDPE Granules” as declared by the party.
Brand name, if any	:	----
Declared values, if any	:	----
Code No.	:	----
Batch No. and date of manufacture	:	----
Quantity	:	500gms each
Mode of Packing	:	Packed
Date of receipt of sample	:	01.11.2021
Date (s) of Performance of test	:	01.11.2021 – 03.11.2021
Sealed or not	:	Unsealed
Any other information	:	----

### PART B: SUPPLEMENTARY INFORMATION

- |  |   |                       |
|--|---|-----------------------|
| a) Reference to sampling procedure   | : | Supplied by the party |
| b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test report, if any ( to be attached ) | : | Nil                   |
| c) Deviation from the test methods as prescribed in relevant IS / Work instructions, if any  | : | Nil                   |

*Sasmita*  
19/04/2023

*Jh*  
19.04.2023

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Date : 19.04.2023

Ref.: Your letter dtd. 30.10.2021, our Test Report No. 21134 dtd. 03.11.2021 &  
Your email dtd. 19.04.2023

### TEST REPORT (Revised)

#### PART C : TEST RESULTS

Sl. No	Name of the test	Test Method	Unit	Result Obtained
Sample -A ("LDPE Granules" as declared by the party)				
1	Melt Flow Index (190°C/2.16kg)	ASTM D 1238	g/10min	3.55
2	Density	ASTM D 792	g/cc	0.92
Sample -B ("LLDPE Granules" as declared by the party)				
1	Melt Flow Index (190°C/2.16kg)	ASTM D 1238	g/10min	0.96
2	Density	ASTM D 792	g/cc	0.92

#### PART D : REMARKS -

- Statement of conformity : NA
- Opinion & Interpretation : NA

#### NB:

- The results stated above related only to the items tested.
- This Test Report shall not be reproduced except in full without the written approval from CIPET:SARP, APDDRL, Bengaluru.
- This Test report is intended for your guidance and is not valid for legal purposes or for advertisement.
- Any anomaly/discrepancy in this report should be brought to the notice of CIPET within 30 days from the date of issue.
- Tested Sample will be disposed off after 90 days from the date of test.
- Details of test subcontracted: Nil
- The location of testing is CIPET:SARP-APDDRL, Bengaluru for non-subcontracted samples.

*Sasmita*  
Reviewed By  
Sasmita Mishra  
Technical Officer(Testing)  
19/04/2023

---End of Report---

*Manoranjan*  
Authorized By  
Dr. Manoranjan Biswal  
Sr. Scientist  
19.04.2023

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