

70-1, Hwachi-Dong, Yeosu-City, Jeonranam-Do, 550-280, Korea

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## Certificate of Analysis

| Shipment No | 20480814              | Product      | ABS   | Grade-Color | ABS H1121-8C611 25KG BAG |
|-------------|-----------------------|--------------|-------|-------------|--------------------------|
| Lot No      | Y1102112              | Quantity(Kg) | 36000 | Issue Date  | 0ct-28-2011              |
| Customer    | PALER TRADING LIMITED |              |       | PO No       | 2011LGCMP                |

## Typical Values

| Property              | Test Method | Unit     | Result |
|-----------------------|-------------|----------|--------|
| Impact Strength(1/4") | ASTM D256   | kg cm/cm | 32.7   |
| Melt Flow Index       | ASTM D1238  | g/10min  | 20.8   |
| Tensile Strength      | ASTM D638   | kg/cm*   | 469    |

We hereby certify that the above-mentioned test results are correct and meet our specifications.

Issued by

Jae Seo Ko

J.S.KO Q.A. Manager Yeosu Plant LG Chem, LTD.