

# NEFTEKHIM PE 2062T (62107)

High Density Polyethylene

Nizhnekamskneftekhim Inc.

## Message:

Product obtained by gas phase polymerization of ethylene in presence of complex metalorganic catalysts.

Stabilization recipe: antacid, antioxidant, thermostabilizer, dispersing agent..

Application: crates, boxes, containers, fast molding.

Technical requirements: TU 2211-145-05766801-2008

| General Information                       |                    |                   |             |
|---|--------------------|-------------------|-------------|
| Additive                                  | Acid Neutralizer   |                   |             |
|   | Antioxidant        |                   |             |
|   | Heat Stabilizer    |                   |             |
| Features                                  | Acid Resistant     |                   |             |
|   | Antioxidant        |                   |             |
|   | Dispersible        |                   |             |
|   | Fast Molding Cycle |                   |             |
|   | Heat Stabilized    |                   |             |
| Uses                                      | Containers         |                   |             |
|   | Crates             |                   |             |
| Forms                                     | Pellets            |                   |             |
| Physical                                  | Nominal Value      | Unit              | Test Method |
| Density                                   | 0.960 to 0.964     | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 6.0 to 8.0         | g/10 min          | ASTM D1238  |
| Melt Flow Ratio - MFR 21.6 kg/MFR 2.16 kg | < 30.0             |                   | ASTM D1238  |
| Mechanical                                | Nominal Value      | Unit              | Test Method |
| Flexural Modulus                          | 1500               | MPa               | ASTM D790   |
| Impact                                    | Nominal Value      | Unit              | Test Method |
| Notched Izod Impact (23°C)                | 55                 | J/m               | ASTM D256   |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

