## **NEFTEKHIM PE 6348K (486F3)**

## 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: general purpose jacketing. Technical requirements: TU 2211-145-05766801-2008

| General Information                    |                           |          |             |
|--|---------------------------|----------|-------------|
| Additive                               | Acid Neutralizer          |          |             |
|  | Antioxidant               |          |             |
|  | Heat Stabilizer           |          |             |
|  |                           |          |             |
| Features                               | Acid Resistant            |          |             |
|  | Antioxidant               |          |             |
|  | Dispersible               |          |             |
|  | Heat Stabilized           |          |             |
|  |                           |          |             |
| Uses                                   | Wire & Cable Applications |          |             |
| Forms                                  | Pellets                   |          |             |
| Physical                               | Nominal Value             | Unit     | Test Method |
| Density                                | 0.946 to 0.950            | g/cm³    | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16  |                           |          |             |
| kg)                                    | 0.20 to 0.40              | g/10 min | ASTM D1238  |
| Melt Flow Ratio - MFR 21.6 kg/MFR 2.16 |                           |          |             |
| kg                                     | > 50.0                    |          | ASTM D1238  |
| Electrical                             | Nominal Value             |          | Test Method |
| Dielectric Constant                    | 2.50                      |          | ASTM D150   |

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