

# SABIC® LDPE Powder 2008P5

Low Density Polyethylene

Saudi Basic Industries Corporation (SABIC)

## Message:

SABIC® LDPE Powder 2008P5 is an additive free standard CTR® tubular grade with typically very low gel count and as such fine material for general purpose use. The grade is supplied in powder form.

Application

SABIC® LDPE Powder 2008P5 is a medium sized powder grade with medium viscosity for textile coating, carpet backing and compounding applications. It is also typically suited for masterbatch applications.

This product is not intended for and must not be used in any pharmaceutical/medical applications.

| General Information                       |                      |                   |             |
|---|----------------------|-------------------|-------------|
| Features                                  | Additive Free        |                   |             |
|   | General Purpose      |                   |             |
|   | Low Density          |                   |             |
|   | Low Gel              |                   |             |
|   | Medium Viscosity     |                   |             |
| Uses                                      | Carpet Backing       |                   |             |
|   | Coating Applications |                   |             |
|   | Compounding          |                   |             |
|   | General Purpose      |                   |             |
|   | Masterbatch          |                   |             |
|   | Textile Applications |                   |             |
| Forms                                     | Powder               |                   |             |
| Processing Method                         | Compounding          |                   |             |
| Physical                                  | Nominal Value        | Unit              | Test Method |
| Density                                   | 0.920                | g/cm <sup>3</sup> | ISO 1183    |
| Apparent Density                          | 0.35                 | g/cm <sup>3</sup> | ISO 60      |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 7.5                  | g/10 min          | ISO 1133    |
| Particle Size - Powder                    | < 600                | µm                | ASTM E1181  |
| Enthalpy Change                           | 125                  | J/g               | DIN 53765   |
| Dry Flow                                  | 22.0                 | sec               | ISO 6186    |
| Thermal                                   | Nominal Value        | Unit              | Test Method |
| Vicat Softening Temperature               | 89.0                 | °C                | ISO 306/A   |
| Melting Temperature (DSC)                 | 107                  | °C                | DIN 53765   |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## 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

