

# SABIC® LDPE POWDER 2008P5

## LOW DENSITY POLYETHYLENE

### DESCRIPTION

SABIC® LDPE Powder 2008P5 is an additive free standard CTR® tubular grade with 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 used for masterbatch applications.

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

### TYPICAL PROPERTY VALUES

| PROPERTIES                  | TYPICAL VALUES | UNITS             | TEST METHODS |
|-----------------------------|----------------|-------------------|--------------|
| <b>POLYMER PROPERTIES</b>   |                |                   |              |
| Melt Flow Rate              |                |                   |              |
| at 190 °C and 2.16 kg       | 7.5            | dg/min            | ISO 1133     |
| Density                     | 920            | kg/m <sup>3</sup> | ASTM D1505   |
| Bulk Density                | 350            | kg/m <sup>3</sup> | ISO 60       |
| Dry flow                    | 22             | sec               | ISO 6186     |
| Particle size powder        | <600           | µm                | ASTM D1921   |
| <b>THERMAL PROPERTIES</b>   |                |                   |              |
| Vicat Softening Temperature |                |                   |              |
| at 10 N (VST/A)             | 89             | °C                | ISO 306      |
| DSC test                    |                |                   |              |
| enthalpy change             | 125            | J/g               | DIN 53765    |
| melting point               | 107            | °C                | DIN 53765    |