



# Sinpolene MBB5981

Teknor Apex Asia Pacific PTE. LTD. - Linear Low Density Polyethylene

## General Information

### Product Description

SINPOLENE MBB5981 is a masterbatch based on a furnace carbon black dispersed in polyethylene. It is designed specifically for use in outdoor geomembrane application and other environments where good weathering resistance is required.

SINPOLENE MBB5981 is delivered as free flowing pellets for processing convenience. The product should be stored in dry place.

### CHARACTERISTICS

- \* Easy processing
- \* Good dispersion
- \* Higher jetness
- \* Good weathering resistance
- \* Minimal wear effect on processing equipment

### General

|                   |                    |                   |
|-------------------|--------------------|-------------------|
| Material Status   | • Preliminary Data |                   |
| Availability      | • Asia Pacific     |                   |
| Features          | • Antioxidant      | • UV Stabilized   |
| Uses              | • Geo Membranes    | • Masterbatch     |
| RoHS Compliance   | • RoHS Compliant   |                   |
| Appearance        | • Black            |                   |
| Forms             | • Pellets          |                   |
| Processing Method | • Blown Film       | • Sheet Extrusion |

## ASTM & ISO Properties <sup>1</sup>

| Physical                                  | Nominal Value | Unit     | Test Method |
|---|---------------|----------|-------------|
| Melt Mass-Flow Rate (MFR) (190°C/21.6 kg) | 5.0 to 80     | g/10 min | ASTM D1238  |
| Carbon Black Content                      | 50            | %        | ASTM D1603  |
| Moisture Content                          | < 0.20        | %        | ASTM D3030  |

### Additional Information

Customised

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.