

## Technical Data Sheet

### Hostalen ACP 7740 F3



High Density Polyethylene

#### Product Description

*Hostalen ACP 7740 F3* is a high density polyethylene having medium molar mass and special narrow molar mass distribution for production of tapes.

*Hostalen ACP 7740 F3* shows very good bubble stability and processability. *Hostalen ACP 7740 F3* is appreciated by customers for converting on all tape stretching lines to produce products with outstanding mechanical properties and low tendency to fibrillation. *Hostalen ACP 7740 F3* gives excellent tensile strength and good elongation at break in the final tapes.

Typical customer application: Round bale nets

*Hostalen ACP 7740 F3* is not intended for use in medical and pharmaceutical applications.

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Status            | Commercial: Active                                                       |
| Availability      | Europe                                                                   |
| Application       | Geotextile & Agriculture; Nets; Raffia/Tapes/Strapping                   |
| Market            | Textile                                                                  |
| Processing Method | Blown Film                                                               |
| Attribute         | Antioxidant; High Tensile Strength; Narrow Molecular Weight Distribution |

| Typical Properties                 | Nominal Value | Units             | Test Method   |
|------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                    |               |                   |               |
| Melt Flow Rate                     |               |                   |               |
| (190 °C/5.0 kg)                    | 1.6           | g/10 min          | ISO 1133-1    |
| (190 °C/21.6 kg)                   | 16            | g/10 min          | ISO 1133-1    |
| Density                            | 0.946         | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                  |               |                   |               |
| Tensile Modulus                    | 900           | MPa               | ISO 527-1, -2 |
| Tensile Strength                   | 23            | MPa               | ISO 527-1, -2 |
| <b>Thermal</b>                     |               |                   |               |
| Vicat Softening Temperature, (B50) | 75            | °C                | ISO 306       |
| Peak Melting Point                 | 130           | °C                | ISO 11357-3   |
| <b>Processing Parameters</b>       |               |                   |               |
| Extrusion Temperature              | 180-230       | °C                |               |

#### Notes

These are typical property values not to be construed as specification limits.

