

# Borclean™ HC300BF

Polypropylene Homopolymer

Borealis AG

Message:

Borclean HC300BF is a high cristallinity homopolymer film resin.  
Borclean HC300BF contains no slip, antiblock, antistatic additives or nucleating additives.

| General Information                       |                           |          |                 |
|---|---------------------------|----------|-----------------|
| Features                                  | Crystalline               |          |                 |
|   | Good Processability       |          |                 |
|   | Good Stiffness            |          |                 |
|   | Good Thermal Stability    |          |                 |
|   | High Purity               |          |                 |
|   | Homopolymer               |          |                 |
|   | Non-Smooth Surface Finish |          |                 |
|   | Recyclable Material       |          |                 |
| Uses                                      | Bi-axially Oriented Film  |          |                 |
|   | Film                      |          |                 |
| Forms                                     | Pellets                   |          |                 |
| Processing Method                         | Film Extrusion            |          |                 |
| Physical                                  | Nominal Value             | Unit     | Test Method     |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 3.3                       | g/10 min | ISO 1133        |
| Ash Content                               | 10 to 20                  | ppm      | ISO 3451-1      |
| Calcium <sup>1</sup>                      | 2                         | ppm      | Internal Method |
| Catalyst Residue                          |                           |          | Internal Method |
| Aluminium (ICP)                           | 2 to 4                    | ppm      |                 |
| Chloride (XRF)                            | 1 to 3                    | ppm      |                 |
| Titanium (ICP)                            | 1 to 3                    | ppm      |                 |
| Isotactic Index <sup>2</sup>              | 98                        | %        | Internal Method |
| Thermal                                   | Nominal Value             | Unit     | Test Method     |
| Melting Temperature (DSC)                 | 161 to 165                | °C       | ISO 3146        |
| Electrical                                | Nominal Value             |          | Test Method     |
| Dielectric Constant                       | 2.25                      |          | IEC 60250       |
| NOTE                                      |                           |          |                 |
| 1.  | from anti-acid            |          |                 |
| 2.  | Decaline soluble          |          |                 |

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