

Borealis Borclean™ HC320BF Polypropylene Homopolymer for Capacitor Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

Borclean HC320BF is a homopolymer film resin developed for use in the manufacture of the highest quality films for dielectric applications. Borclean HC320BF does not contain slip, antiblock, antistatic additives or nucleating additives. Borclean HC320BF is especially suitable for biaxially oriented dielectrical film used in capacitors and manufactured on double bubble lines process for rough surface/impregnation capacitor film. It may also be used for metallisable film. Information provided by the Manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Borclean-HC320BF-Polypropylene-Homopolymer-for-Capacitor-Film.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------------|--------------------------------------|------------|
| Melt Flow | 3.7 g/10 min | 3.7 g/10 min | ISO 1133 |
| | @Load 2.16 kg, Temperature 230 °C | @Load 4.76 lb, Temperature 446 °F | |
| Ash | 0.0010 - 0.0020 % | 0.0010 - 0.0020 % | ISO 3451-1 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------------|--------------|----------|
| Melting Point | 161 - 165 °C | 322 - 329 °F | ISO 3146 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Dielectric Constant | 2.25 | 2.25 | IEC 250 |

| Descriptive Properties | Value | Comments |
|---------------------------------|--------|----------------|
| Calcium, ppm | 5 | from Anti-acid |
| Catalyst Residues, Aluminum ppm | 2 to 4 | |
| Catalyst Residues, Chloride ppm | 1 to 3 | |
| Catalyst Residues, Titanium ppm | 1 to 3 | |
| Isotactic Index % | 98 | Borealis |

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