

## MCGB *Duramaze* CC HPPP 8020

### **Product Description**

MCGB Duramaze CC HPPP 8020 is a proprietary blend of corn cob fiber and reprocessed polypropylene for injection molding applications.

<b><u>Property</u></b>	<b><u>Specification</u></b>
Color	Black
Size	0.0156 inch typical
Bulk Density	38 to 43 lbs/cubic ft
Moisture	<1%
Tensile Strength	2,200 psi
Impact Strength (unmatched)	2.75 ft-lb/in

### **General Processing Conditions**

Resin needs to be dried before processing if the moisture is above 0.5%. Resin will dry quickly at 220°F in a desiccant dryer.

Typical injection molding temperatures are listed below, these are only a guide and may need to be changed based on the particular application:

Rear	350°F to 360°F
Middle	350°F to 360°F
Front	360°F to 375°F
Nozzle	360°F to 375°F
Mold	60°F to 170°F

The melt temperature of the resin should remain below 400°F to prevent the material from discoloring and having a burnt odor.

### **Packaging and Storing**

Material is typically packaged in a sealed plastic-lined Gaylord at 1200 lbs/Gaylord. The product should be stored in a cool, dry, and sanitary area to achieve maximum stability.

The information and recommendations in this sheet are based on our experience and analysis using standard procedures, and are believed to be accurate and reliable. However, they serve merely as typical guides, and are presented in good faith for the benefit of our customers. No guarantee, expressed or implied, is made regarding accuracy of the analysis, patent infringement, liabilities, or risks involved from the application of our products. Issued: 9/20/10, Revised: 9/20/10, Approved: R&D/CQ by MGP Ingredients.