# DG-MG94-HT | ABS Resin

High Black High Gloss High Flow Grade

## Product Description

DG-MG94-HT is a high black high gloss high flow grade. The technical values below are based on manufacturer-provided product documentation.

## Typical Properties

| Property | Nominal Value | Unit | Test Method | Test Conditions |
|---|---|---|---|---|
| Melt Flow Index | 35 | g/10 min | ASTM D1238 | 220°C / 10 kg |
| Flexural Strength | 62 | MPa | ASTM D790 | 2 mm/min |
| Flexural Modulus | 2300 | MPa | ASTM D790 | 2 mm/min |
| Tensile Strength | 44 | MPa | ASTM D638 | 50 mm/min |
| Izod Notched Impact Strength | 170 | J/m | ASTM D256 | 23°C, 3.2 mm |
| Vicat Softening Temperature | 101 | °C | ASTM D1525 | 50 N, 50°C/hr |

## Features & Applications

| | |
|---|---|
| **Features** | Molding grade |
| **Applications** | Shells of TV, display, etc. |

## Processing Guide

| Processing Parameter | Recommended Value | Unit |
|---|---|---|
| Drying Temperature | 80 - 90 | °C |
| Drying Time | 2 - 4 | hr |
| Moisture Content | 0.01 | % |
| Melt Temperature | 190 - 220 | °C |
| Mold Temperature | 190 - 220 | °C |

Note: Technical property data is based on manufacturer-provided documentation and is provided for reference only. Typical values are not guaranteed specifications. Customers should confirm final specifications and suitability for their intended application.