

# Canuck Compounds 200 Series - BK 2-6-3

Specialty Polystyrene

Canuck Compounders Inc.

## Message:

Canuck Compounds 200 Series - BK 2-6-3 is a Specialty Polystyrene material. It is available in North America for injection molding.

| General Information                           |                   |                   |             |
|---|-------------------|-------------------|-------------|
| Appearance                                    | Black             |                   |             |
|   | Clear - Blue Tint |                   |             |
|   | Colors Available  |                   |             |
|   | White             |                   |             |
| Forms   | Pellets           |                   |             |
| Processing Method                             | Injection Molding |                   |             |
| Physical                                      | Nominal Value     | Unit              | Test Method |
| Specific Gravity                              | 1.05              | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)      | 5.0               | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow (3.18 mm)            | 0.50 to 0.70      | %                 | ASTM D955   |
| Mechanical                                    | Nominal Value     | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Yield, 23°C)   | 31.0              | MPa               | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Yield, 23°C) | 5.0               | %                 | ASTM D638   |
| Flexural Modulus (23°C)                       | 1930              | MPa               | ASTM D790A  |
| Flexural Strength (23°C)                      | 40.0              | MPa               | ASTM D790A  |
| Impact  | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact (23°C)                    | 110               | J/m               | ASTM D256   |
| NOTE  |                   |                   |             |
| 1.  | 51 mm/min         |                   |             |
| 2.  | 51 mm/min         |                   |             |

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## Recommended distributors for this material

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