

**DHM020TF****HOMOPOLYMER**

Dangote Polypropylene DHM020TF is a nucleated polypropylene homopolymer grade suitable for use in thermoforming applications. It has good melt strength resulting in stable sheet production. The grade complies with the requirements of FDA regulation 21 CFR 177.1520.

**APPLICATIONS**

- Food and Non-Food Packaging
- Tubs, Cups, Plates and Toys

**TYPICAL PROPERTIES**

| Property                               | Test Method | Unit              | Typical Value* |
|--|-------------|-------------------|----------------|
| Melt Flow Rate (230°C/2.16 kg)         | ASTM D1238  | g/10 min          | 2.0            |
| Density                                | ASTM D792   | g/cc.             | 0.90           |
| Tensile Strength at Yield (50 mm/min.) | ASTM D638   | MPa               | 35             |
| Flexural Modulus (1% Secant)           | ASTM D790A  | MPa               | 1600           |
| Notched Izod Impact Strength (23 °C)   | ASTM D256   | kJ/m <sup>2</sup> | 4              |
| Heat Deflection Temperature (455 KPa)  | ASTM D648   | °C                | 100            |
| Hardness – Rockwell R                  | ASTM D785   | R Scale           | 100            |

\* Typical values, not to be taken as specification. For reference only.

**TYPICAL PROCESSING CONDITIONS (for reference only)**

- Extrusion Temperature: 220 – 280 °C

**STORAGE AND SHELF LIFE**

Product should be stored in cool, dry area, protected from UV / direct sunlight. Shelf life of the product is minimum 12 months from the date of production subject to proper handling and storage conditions.

**DISCLAIMER**

*The information provided in this document is intended solely as general guidance for the use, processing, safe handling and storage of the product. This document does not constitute a warranty or guarantee of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for determining whether the product is appropriate for their intended use and for ensuring that it is used safely and in compliance with applicable laws and regulations.*