

# Polyfort HP0306LNATURAL

LyondellBasell Industries - Polypropylene Homopolymer

## General Information

### Product Description

Polyfort HP0306LNATURAL is a Polypropylene Homopolymer material.

### General

Forms • Pellets

## Properties <sup>1</sup>

| Physical   | Nominal Value | Unit     | Test Method |
|--|---------------|----------|-------------|
| Density / Specific Gravity                               | 0.903         |          | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                | 10            | g/10 min | ASTM D1238  |
| Mechanical   | Nominal Value | Unit     | Test Method |
| Tensile Modulus  | 189000        | psi      | ASTM D638   |
| Tensile Strength (Yield)                                 | 5220          | psi      | ASTM D638   |
| Tensile Strength (Break)                                 | 3190          | psi      | ASTM D638   |
| Tensile Elongation (Yield)                               | 10            | %        | ASTM D638   |
| Tensile Elongation (Break)                               | 400           | %        | ASTM D638   |
| Flexural Modulus   | 203000        | psi      | ASTM D790   |
| Flexural Strength  | 6090          | psi      | ASTM D790   |
| Impact   | Nominal Value | Unit     | Test Method |
| Notched Izod Impact (0.125 in)                           | 0.56          | ft-lb/in | ASTM D256   |
| Hardness   | Nominal Value | Unit     | Test Method |
| Rockwell Hardness (R-Scale)                              | 92            |          | ASTM D785   |
| Thermal  | Nominal Value | Unit     | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed)   | 180           | °F       | ASTM D648   |
| Deflection Temperature Under Load<br>264 psi, Unannealed | 127           | °F       | ASTM D648   |