# SÉETEC R7700

PP Random Copolymer

## Applications

**Hygienic products(Baby diaper assembly)**

## Description

**SÉETEC R7700 is designed for the extrusion of fibers with spunbond technology. This grade is characterised by narrow molecular weight distribution and good processibility.**

## Typical properties

| Characteristics | Test Method | Unit | Value |
|---|---|---|---|
| **Physical(1)** | | | |
| Density | ASTM D1505 | g/㎤ | **0.9** |
| MFR (230℃,2.16Kg) | ASTM D1238 | g/10min | **34** |
| **Mechanical(2)** | | | |
| Tensile Strength at Yield | ASTM D638(3) | MPa | **25** |
| Elongation at Break | ASTM D638(3) | % | **>500** |
| Flexural Modulus | ASTM D790(4) | MPa | **1,600** |
| Izod Impact Strength (Notched, 23℃) | ASTM D256 | J/m | **39** |
| Rockwell Hardness (R-scale) | ASTM D785 | - | **90** |
| **Thermal** | | | |
| Vicat Softening Point (1kgf) | ASTM D1525 | ℃ | **140** |
| Heat Deflection Temperature (4.6kgf/cm$^2$) | ASTM D648 | ℃ | **85** |

(1) The properties data in this table are typical values, and not guaranteed specification.
(2) Typical resin property values are measured on a standard compression molded specimens.
(3) Speed of 50 mm/min.
(4) Speed of 28 mm/min.

**For additional sales, order and technical assistance**

**Revised : 6/21/2016**


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