# TOTAL Polypropylene PPH 3276

Polypropylene Homopolymer

TOTAL Refining & Chemicals

## Message:

Low Residuals. TOTAL Polypropylene 3276 utilizes the new TOTAL Polypropylene proprietary process technology to provide extremely low residuals for improved color stability and clarity.
Slip/Antiblock. TOTAL Polypropylene 3276 is available with custom slip and antiblock packages.
FDA. TOTAL Polypropylene 3276 complies with all application FDA regulations for food contact applications.
Recommended Applications. TOTAL Polypropylene 3276 is recommended in orientation processes for manufacture of packaging tapes and films.
Processing. TOTAL Polypropylene 3276 resin processes on oriented film extrusion equipment with typical melt temperatures of 450°F- 525°F (232°C-274°C). Call the nearest TOTAL Polypropylene sales office for additional
information.

| General Information | | | |
|---|---|---|---|
| UL YellowCard | E66261-248005 | | |
| Additive | Anti-caking agent<br>slip agent | | |
| Features | Low Residuals<br>smoothness<br>Homopolymer<br>Anti-caking property<br>Good color stability<br>Compliance of Food Exposure<br>Medium transparency | | |
| Uses | Strap<br>Directional film | | |
| Agency Ratings | EC 1907/2006 (REACH)<br>FDA Food Exposure, Not Rated | | |
| RoHS Compliance | RoHS compliance | | |
| Forms | Particle | | |
| Processing Method | Extrusion | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Density | 0.905 | g/cm³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 2.0 | g/10 min | ASTM D1238 |
| **Films** | **Nominal Value** | **Unit** | **Test Method** |
| secant modulus | | | ASTM D882 |
| MD | 2410 | MPa | ASTM D882 |
| TD | 4140 | MPa | ASTM D882 |

| | | | |
|---|---|---|---|
| Tensile Strength | | | ASTM D882 |
| MD: Fracture | 152 | MPa | ASTM D882 |
| TD: Fracture | 241 | MPa | ASTM D882 |
| Tensile Elongation | | | ASTM D882 |
| MD: Fracture | 150 | % | ASTM D882 |
| TD: Fracture | 60 | % | ASTM D882 |
| Water Vapor Transmission Rate (38°C, 90% RH, 25 µm) | 4.7 | g/m²/24 hr | ASTM F1249 |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Melting Temperature | 163 | °C | DSC |
| **Optical** | **Nominal Value** | **Unit** | **Test Method** |
| Gloss (45°) | 85 | | ASTM D2457 |
| Haze | 1.0 | % | ASTM D1003 |
| **Extrusion** | **Nominal Value** | **Unit** | |
| Melt Temperature | 232 - 274 | °C | |



## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China