TAIRIREX® GP525N

General Purpose Polystyrene Formosa Chemicals & Fibre Corporation



Technical Data

| Commercial: Active | | |
|--|--|--|
| Processing (English)Technical Datasheet (English) | | |
| • E162823-319285 | | |
| Formosa Chemicals & Fibre Corporation TAIRIREX® | | |
| Asia Pacific Europe | North A | merica |
| General Purpose | | / |
| • EC 1907/2006 (REACH) | | |
| RoHS Compliant | | |
| • E162823 | | |
| Injection Molding | | |
| Nominal Value (English) | Nominal Value (SI) | Test Method |
| kg) 7.0 g/10 min | 7.0 g/10 min | ASTM D1238 ISO 1133 |
| Nominal Value (English) | Nominal Value (SI) | Test Method |
| 440000 psi | 3040 MPa | ASTM D638 ISO 527-2 |
| 5800 psi | 40.0 MPa | ASTM D638 ISO 527-2 |
| 2.0 % | 2.0 % | ASTM D638 ISO 527-2 |
| 483000 psi | 3330 MPa | ASTM D790 ISO 178 |
| 11300 psi | 78.0 MPa | ASTM D790 ISO 178 |
| Nominal Value (English) | Nominal Value (SI) | Test Method |
| 0.32 ft·lb/in | 17 J/m | ASTM D256 ISO 180 |
| Nominal Value (English) | Nominal Value (SI) | Test Method |
| (3.18 189 °F | 87.0 °C | ASTM D648 ISO 75-2/A |
| 201 °F | 94.0 °C | ASTM D1525 ISO 306 |
| Nominal Value (English) | Nominal Value (SI) | Test Method |
| HB | HB | UL 94 |
| | | |
| < 700 ppm | < 700 ppm | |
| Nominal Value (English) | Nominal Value (SI) | |
| 167 °F | 75 °C | |
| 1.0 to 2.0 hr | 1.0 to 2.0 hr | |
| | | |
| | | |
| 383 to 401 °F | 195 to 205 °C | |
| | Processing (English) Technical Datasheet (English) E162823-319285 Formosa Chemicals & Fibre Corporation TAIRIREX® Asia Pacific • Europe General Purpose EC 1907/2006 (REACH) RoHS Compliant E162823 Injection Molding Nominal Value (English) kg) 7.0 g/10 min Nominal Value (English) kg) 7.0 g/10 min Nominal Value (English) 440000 psi 5800 psi 2.0 % 483000 psi 11300 psi Nominal Value (English) 483000 psi 2.0 % 483000 psi 2.0 % 483000 psi 11300 psi Nominal Value (English) (3.18 189 °F 201 °F Nominal Value (English) HB Nominal Value (English) HB Nominal Value (English) 4700 ppm | Processing (English) Technical Datasheet (English) E162823-319285 Formosa Chemicals & Fibre Corporation TARREX® Asia Pacific Europe Noth A General Purpose EC 1907/2006 (REACH) ROHS Compliant E162823 Injection Molding Nominal Value (English) Nominal Value (SI) 440000 psi 3040 MPa 5800 psi 40.0 MPa 2.0 % 2.0 % 2.0 % 2.0 % 2.0 % 3330 MPa 11300 psi 78.0 MPa 11300 psi 78.0 MPa 0.32 ft·lb/in 17 J/m Nominal Value (English) Nominal Value (SI) (3.18 189 °F 87.0 °C 201 °F 94.0 °C Nominal Value (English) Nominal Value (SI) Kannal Value (SI)< |

¹ of 2

Form No. TDS-128701-en Document Created: Saturday, October 21, 2017 Added to Prospector: June 2009 Last Updated: 5/24/2017

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content.

UL and the UL logo are trademarks of UL LLC © 2017. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com.

TAIRIREX® GP525N

General Purpose Polystyrene Formosa Chemicals & Fibre Corporation

PROSPECTOR®

| Injection | Nominal Value (English) | Nominal Value (SI) | |
|------------------------|-------------------------|--------------------|--|
| Front Temperature | 392 °F | 200 °C | |
| Processing (Melt) Temp | 338 to 419 °F | 170 to 215 °C | |
| Mold Temperature | 68 to 158 °F | 20 to 70 °C | |

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

³ Typical properties: these are not to be construed as specifications.

⁴ 80°C/2hr



UL and the UL logo are trademarks of UL LLC © 2017. All Rights Reserved. UL Prospector | 800-788-4668 or 307-742-9227 | www.ulprospector.com.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content. Form No. TDS-128701-en Document Created: Saturday, October 21, 2017 Added to Prospector: June 2009 Last Updated: 5/24/2017