Versaflex™ PKG 4365 T

Thermoplastic Elastomer

Key Characteristics

Product Description		
Versaflex PKG 4365 T thermoplastic elastomer compound is based on block copolymers and may be appropriate where FDA and EU 10/2011 compliancies are required.		
General		
Material Status	• Commercial: Active	
Regional Availability	• Europe	
Uses	• General Purpose	
Agency Ratings	• EU 2003/11/EC [1]	• FDA 21 CFR 177.1210 [1]
RoHS Compliance	• RoHS Compliant	
Appearance	• Translucent	
Forms	• Pellets	
Processing Method	• Injection Molding	

Technical Properties [2]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.900 g/cm³	0.900 g/cm³	ISO 1183
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [3] (73°F (23°C))	1310 psi	9.00 MPa	DIN 53504-S2
Tensile Elongation [3] (Break, 73°F (23°C))	770 %	770 %	DIN 53504-S2
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Compression Set			ISO 815
73°F (23°C), 72 hr	24 %	24 %	
158°F (70°C), 22 hr	49 %	49 %	
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Shore Hardness (Shore A, 10 sec)	65	65	ISO 48-4
Additional Information	**Typical Value (English)**	**Typical Value (SI)**	
Generic Material Type	Thermoplastic Elastomer	Thermoplastic Elastomer	
Properties are measured using injection molded plaques.			

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	338 to 428 °F	170 to 220 °C
Mold Temperature	86 to 140 °F	30 to 60 °C
Injection Rate	Moderate-Fast	Moderate-Fast

Notes

[1] Product rating may be influenced by end product and/or conditions of use. Please contact GLS Thermoplastic Elastomers for information adressing EU (EU 10/2011) and FDA (21 CFR 177.1210) compliance.

[2] Typical values are not to be construed as specifications.

[3] 7.9 in/min (200 mm/min)

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CONTACT INFORMATION

North America
Avon Lake, United States
33587 Walker Road
Avon Lake, OH, United States , 44012
+1 440 930 1000
+1 844 4AVIENT

South America
Sao Paulo, Brazil
Av. Francisco Nakasato, 1700
13295-000 Itupeva
Sao Paulo, Brazil
+55 11 4593 9200

Asia
Shanghai, China
2F, Block C
200 Jinsu Road
Pudong, 201206
Shanghai, China
+86 (0) 21 6028 4888

Europe
Pommerloch, Luxembourg
19 Route de Bastogne
Pommerloch, Luxembourg , L-9638
+352 269 050 35

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