Versaflex™ CE 3115 EU

Thermoplastic Elastomer

Key Characteristics

Product Description	
Versaflex CE 3115 EU thermoplastic elastomer compound is based on block copolymers and may be appropriate where FDA compliancy is required.	
General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Uses	• General Purpose
Agency Ratings	• FDA 21 CFR 177.2600 [1]
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Technical Properties [2]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.14 g/cm³	1.14 g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR)	12 cm³/10min	12 cm³/10min	ISO 1133
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [3] (73°F (23°C))	1740 psi	12.0 MPa	DIN 53504-S2
Tensile Elongation [3] (Break, 73°F (23°C))	550 %	550 %	DIN 53504-S2
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)
Drying Temperature	212 °F	100 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Suggested Max Moisture	< 0.020 %	< 0.020 %
Processing (Melt) Temp	374 to 410 °F	190 to 210 °C
Mold Temperature	86 to 140 °F	30 to 60 °C

Notes

[1] Product rating may be influenced by end product and/or conditions of use. Please contact GLS Thermoplastic Elastomers for information adressing FDA (21 CFR 177.2600) compliance.

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

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

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