

Versaflex™ CE 3620 EU

Thermoplastic Elastomer

Key Characteristics

Product Description	
Versaflex CE 3620 EU thermoplastic elastomer compound is based on block copolymers.	
General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Uses	• General Purpose
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.00 g/cm ³	1.00 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (73°F (23°C))	1310 psi	9.00 MPa	DIN 53504-S2
Tensile Elongation ² (Break, 73°F (23°C))	600 %	600 %	DIN 53504-S2
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Compression Set			ISO 815
73°F (23°C), 72 hr	25 %	25 %	
158°F (70°C), 22 hr	75 %	75 %	
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Shore Hardness ³ (Shore A)	65	65	DIN 53505
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
Extrusion	Typical Value (English)	Typical Value (SI)
Drying Temperature	122 to 140 °F	50 to 60 °C
Drying Time	1.0 to 3.0 hr	1.0 to 3.0 hr
Suggested Max Moisture	0.020 to 0.030 %	0.020 to 0.030 %

Notes

¹ Typical values are not to be construed as specifications.

² 7.9 in/min (200 mm/min)

³ measurement of Hardness 24h after moulding