Versaflex™ PKG 4465 T EU

Thermoplastic Elastomer

Key Characteristics

Product Description			
Versaflex™ PKG 4465 T EU is an easy processing, general purpose TPE designed for a wide variety of applications.			
General			
Material Status	• Commercial: Active		
Regional Availability	• Europe		
Features	• Chemical Resistant • Food Contact Acceptable	• General Purpose • Good Processability	• Oil Resistant
Uses	• Cosmetic Packaging • General Purpose	• Overmolding • Soft Touch Applications	
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	0.890 g/cm³	0.890 g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/5.0 kg)	8.0 to 10 cm³/10min	8.0 to 10 cm³/10min	ISO 1133
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength			DIN 53504
Break, 0.0787 in (2.00 mm)	725 psi	5.00 MPa	
Tensile Elongation			DIN 53504
Break, 0.0787 in (2.00 mm)	620 %	620 %	
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Shore Hardness (Shore A, 10 sec)	65	65	ISO 48-4

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Rear Temperature	329 to 392 °F	165 to 200 °C
Middle Temperature	365 to 464 °F	185 to 240 °C
Front Temperature	370 to 455 °F	188 to 235 °C
Nozzle Temperature	370 to 446 °F	188 to 230 °C
Mold Temperature	60 to 113 °F	16 to 45 °C
Injection Rate	Moderate-Fast	Moderate-Fast
Back Pressure	0.00 to 120 psi	0.00 to 0.827 MPa

Notes

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

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