

Tecoflex® MG TPU - Clear

Type: Typical Physical Test Data – Rigid clear, Medical Grade Rigid Aliphatic TPUs

Features: Do not yellow, with high mechanical properties and can be color-matched

Process: Injection Molding

Products & Properties	ASTM Test	MG-8020	MG-8812
Durometer (Shore Hardness)	D2240	79D	83D
Specific Gravity	D792	1.11	1.12
Flexural Modulus (psi)	D790	165,000	230,000
Ultimate Tensile (psi)	D412	7,700	8,900
Ultimate Elongation (%)	D412	60	6
Mold Shrinkage (in/in)	D955	.013	.015

Note: These test results are based on small samples of Tecoflex® polyurethanes and do not necessarily represent average results from larger test samples. This information should not be used for establishing engineering or manufacturing guidelines.

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full-scale testing and end product performance are the responsibility of the user. Lubrizol Advanced Materials, Inc. shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond Lubrizol Advanced Materials, Inc.'s direct control. The SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.