

Tecoflex® MG B20 TPU Series

Type: Typical Physical Test Data – Rigid RADIOPAQUE GRADES (20% loading of barium sulfate), Medical Grade Rigid Aliphatic TPUs

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

Process: Injection Molding

Products & Properties	ASTM Test	MG-8020-B20	MG-8812-B20
Durometer (Shore Hardness)	D2240	75D	78D
Specific Gravity	D792	1.3	1.31
Flexural Modulus (psi)	D790	185,000	270,000
Ultimate Tensile (psi)	D412	7,500	9,200
Ultimate Elongation (%)	D412	45	9
Mold Shrinkage (in/in)	D955	.011	.011w

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.

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