

## AUX 410-7000

AUXIVA's AUX 410-7000 is an unfilled, enhanced flow, black polyetherimide for injection molding and extrusion applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (337°C/6.6 kg)	18.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3580	MPa	ASTM D638
Tensile Strength (Yield)	110	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	MPa	ASTM D638
Flexural Modulus (100 mm)	3510	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1300	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPA, Unannealed 6.40 mm	405	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating 3.0 mm	V-0/5VA		UL 94

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