

PA12 | obtained quality (MR)



Physical	Nominal Value	(SI)	Test Method
Density	1.0	g/cm ³	ISO 1183/B
Molding Shrinkage - Flow	0.60 to 0.80	%	ISO 294-4
Mechanical	Nominal Value	(SI)	
Tensile Modulus	1650	MPa	ISO 527-2/50
Tensile Strength			ISO 527-2/50
Yield	65	MPa	
Break	45	MPa	
Tensile Elongation			ISO 527-2/50
Yield	8.9	%	
Break	28	%	
Impact	Nominal Value	(SI)	
Charpy Impact, Notched (23°C)	9	kJ/m ²	ISO 179/1eA
Charpy Impact, Notched (-30°C)	6.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	(SI)	
Deflection Temperature Under Load 264 psi (1.8 MPa), unannealed	115	°C	ISO 75-2/A