



Keywords index

AJ62 magnesium alloy	345	Magnesium alloy	361
Aluminum	357, 365	Materials	325-361
Amorphous materials	353	Materials manufacturing and processing	345, 369-377
Austenitic steel	337	Mechanical properties	361, 365, 377
		Mechanical twinning	337
Casting	345	Metallic alloys	333, 337, 341, 345, 349
Composite	361	Microstructural properties	365
Controlled rolling	373	Microstructure	325, 357
Corrosion	349		
Crack resistance	377	Nanomaterials	357
Crystallization of metallic glasses	353	Ni ₃ Al	333
Dislocation mechanisms	361	Physical simulation	373
Drawing process	337	Plasma arc	369
Ductility	341	Plastic forming	325, 373
		Plate rolling	373
Electrical resistance measurements	353	Properties	365
Extrusion	365		
		Seam weld	365
Heat treatment	337, 341, 377	Severe plastic deformation	357
Hot tensile test	325	Superplastic materials	325
Intermetallic	333	Thermo-mechanical treatment	377
Internal frictions	353	Titanium	349
		TWIP effect	337
Longitudinal weld	365		
		Welding	369