

Preface

This special edition is dedicated to recent research results in the properties and processing technologies of modern polymer and composite materials, structural metals and technologies and materials for renewable energy and energy storage.

The grinding, cutting, extrusion, forming, etc. of structural polymers and composites, analysis of their properties and possible areas of engineering applications are discussed in the first chapter.

The second chapter presents research results on some technologies of structural metals processing including the additive technology of selective laser sintering.

The last chapter contains articles devoted to issues of development materials and technologies for the use of renewable energy and energy storage.

The special collection will be interesting to engineers and technologists in the machinery and energy industry.