620.192 ASTM

CONTENTS

Introduction	1
SYMPOSIUM ON REINFORCED PLASTICS	
Evaluation of Reinforced Plastics for High Temperature Structural Application	12
Evaluation of Reinforcements for Structural plastics	28
Permeability of Materials Under High Pressures and at Various Temperatures	59
Discussion	64
SYMPOSIUM ON THERMAL ABLATION	
Principles and Capabilities of Ablation	66
Discussion	75
Testing of Materials Under Ablative Conditions	76
Discussion	86
Photographic Technique of Surface Temperature Measurement	87
Testing of Reinforced Plastics Under Simulated Re-entry Conditions	93
Discussion	106

107

Arc Jet Measurements Related to Ablation Test Validity

Discussion