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***Behavioral variation by ionizing irradiation of recycled thermoplastic elastomer reinforced with natural fibers or inorganic fillers***

*Submitted to*  
*Chemistry Department, Faculty of science Ain shams University*  
*for the Degree of Ph D of Science in Chemistry*

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*This Work Is Dedicate*

*To my parents*

*Without Their Support,  
Endless Help and Continues  
Encouragement All the Time*

*I Could Never Finish This  
Work*

*I Am So Proud To Be Your  
Daughter*



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