

LIST OF SYMBOLS AND ABBREVIATIONS

Al/Cr ratio	Aluminium-Chromium ratio
ATR-IR	Attenuated Total Reflection Infrared
DSC	Differential Scanning Calorimetry
E_a	Activation Energy
E-P	Ethylene- Propylene
FT-IR	Fourier Transform Infrared
ΔH	Entalphy Change
ΔH_c	Entalphy of Crystallization
HDPE	High-Density Polyethylene
IR	Infrared
LDPE	Low-Density Polyethylene
LLDPE	Linear Low-Density Polyethylene
PE	Polyethylene
PP	Polypropylene
T_c	Crystallization Temperature
TGA	Thermal Gravimetric Analysis
T_m	Melting Temperature