Regular structure: crystalline
Strong and rigid – like HDPE

Irregular structure: amorphous
Soft and flexible

Used in sheet and film form for packaging and containers; used to make fibres for carpets

Used to make roofing materials, sealants and other weatherproof coatings

Figure 8 Isotactic and atactic poly(propene)

Figure 10 Poly(propene) chain growing from a catalyst surface