

POLYMERS 2

MARK SCHEME

Q1.

Question	Answer	Extra information	Marks
	poly(propene) / poly propene / polypropylene	do not allow poly propane	1
	any two from: <ul style="list-style-type: none">• double bonds open up / break / become single• propene molecules / monomers / they join / undergo addition polymerisation• form chains / long molecules	correct chemical equation gains 2 marks ignore large using monomer incorrectly max 2 marks	2
Total marks			3

Q2.

Question	Answer	Extra information	Marks
A	1		
B	4		
C	2		
D	3		
Total marks			4

Q3.

Question	Answer	Extra information	Marks
	2		1
Total marks			1

Q4.

Question	Answer	Extra information	Marks
(a)	4		1
(b)	3		1
(c)	3		1
Total marks			3

Q5.

Question	Answer	Extra information	Marks
A	3		
B	2		
C	4		
D	1		
Total marks			4

Q6.

Question	Answer	Extra information	Marks
(a)	2		1
(b)	3		1
Total marks			2

Q7.

Question	Answer	Extra information	Marks
(a)	2		1
(b)	2		1
(c)	2		1
(d)	3		1
Total marks			4

Q8.

Question	Answer	Extra information	Marks
(a)	4		1
(b)	2		1
(c)	4		1
(d)	4		1
Total marks			4