

DAFTAR GAMBAR

No. Gambar		Halaman
2.1	Nomer kode plastik	7
2.2	<i>PET/PETE (Polyethylene Terephthalate)</i>	8
2.3	<i>HDPE (High Density Polyethylene)</i>	9
2.4	<i>PVC (Polyvinyl Chloride)</i>	9
2.5	<i>LDPE (Low Density Polyethylene)</i>	10
2.6	<i>PP (Polypropilena)</i>	11
2.7	<i>PS (Polystyrene)</i>	11
2.8	<i>ABS (Acrylonitrile Butadiene Styrene)</i>	12
2.9	<i>Heat Concentrator</i>	15
2.10	<i>Melting Chamber</i>	16
2.11	<i>Thermocontrol</i>	17
2.12	<i>Magnetic Control</i>	17
2.13	Elemen Pemanas	18
2.14	Konduksi	22
2.15	Konveksi	23
2.16	Raadiasi	24
2.17	<i>Solidworks 2018</i>	27
2.18	<i>Flow Simulation</i>	27
2.19	<i>Simulation</i>	28
3.1	Diagram alir	33
3.2	Sketsa <i>Heat Concentrator</i>	33
3.3	<i>Heat Concentrator</i> mesin pelebur plastik	33
3.4	Mesin pelebur plastik	34
3.5	<i>Assembly melting chamber, heat concentrator, elemen pemanas.</i>	35
4.1	Simulasi <i>heat concentrator pipa tembaga 1/4 inch</i>	41
4.2	Simulasi <i>heat concentrator pipa tembaga 1/2 inch</i>	41
4.3	Simulasi <i>heat concentrator pipa tembaga 3/4 inch</i>	42
4.4	Hasil Simulasi <i>heat concentrator pipa tembaga 1/4, 1/2, 3/4 inch</i>	42