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11 5MW

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4 MOX

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TMCP

6 600

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14

15

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3

1 2 3

4 5

4 1 200mm

125mm 50mm

2

5 1

500MPa 80%IACS

650MPa

500MPa 2

3

4 10 / A 15 /

20 /

5

3 /

8

9

10 - EVOH

PI POE

α

11 LCP PPS

12 5 /

60%

13 (PTPE) (TPEE)

/ (SEPS)

TPV

14

15

16

-

246

ODP

GWP ODS

PFOS PFOA

17

55

18

19

20

50

1 2000 /

6000 /

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16

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DCS

FCS

3 IO PLC

512

4

5

X

6

CT

3.0

7

8

16 60

17 60

18 300MW

19 60

20

21 500 kV

22

23

2.5 2.0

24

/V /

10 /

3500

3D

24

/ 1000KN

/ 800KN 240KN ·

95 /

/ 25

10000KN 4 /

16000KN 12000 30000KN

8000 25000KN 6000

16000KN ≥12000KN

14-18/min 1100mm

500mm 1000mm/s 1000mm/s

≥6

≥30600KN

≥12 /min 6-8 /min

27 40

50

28 7

-45 100 ≥17

26.7 73.9 5000

(≥105) PV

≥2 (

-54 275 ≥150 /)

≥31.5 ≤0.25

≥200

29 500 ≥20

350 ≥270

≥200

≥130 / · w/m ·K

30

31 >2500

>1400 ≤0.02 ,

≤0.05

32 1

500

33

≥7.0 /

2.0

34

35

AGV

36 500 / 1000

/

37 18MW 1200

260 /

3000 /

38 ≥750

≥16000 / ≥13000 /

≥787 ≥7 / ≤0.1

≥75000 /

≥150000 / ≤0.1

≥1300 ≥400 /

≥250 /

≥300 / ≤0.1

≥150 / ≥600 dpi

≥30 / ≥1000 dpi ≥100

/ ≥300 dpi CTP ≥35 /

≥750 0.01 ≥3000 dpi

≥10000 / 0.05

39 100

2

3

50

40

40 100

≥40

41 100

ABS

42

350 3 5 20 30

12 22

20 30

12 22

43 6

44 3 6

4

147

10

1 6 U B e w 5 V O 7 E 0 w Y

2000 400

25

47

48

8000 12000 5000 7000

3000 4000 B

49

ODP 0 GWP

50 12000

51

52 1000

1000

0.4 /

30 3000 / 0.35 /

60 1000 30 5000

0.4 /

30 60 /

1.4 / 60 /

1.2 1Ÿ gp

53

54 100 2500

/

55

SDA +SCR

<10

57

1

2 AFC ,

3

4 [

ATS ATP ATO]

5 GIS

6

IGCT IGBT SiC

7

8

9

10

11 FAO

12 TACS

13

14

15

16 25kV

17

18

1

LED

C-EPS R-EPS

2 DCT AMT 7

7 AT CVT

80 ≥500mAh/g 2000

80 ≤12μm

35% 60%

85% ≥80%

DC/DC 100V 400V IGBT

≥750V ≥300A

≥350W/kg

≥3kW/L) (≤0.3g/kW) (

TCU ABS ASR

ESC OBD

EBS

9

10

1

2 10 1.5

5000

IMO

2000 3000 LNG

3 1

4

5 120 1500

1500

15 FPSO 1500

SPAR

TLP LNG-FPSO

1500

1500 5

FSRU

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14 PVA

PET OPS

15 UV

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21 1 2

22

23 -22 HCFC-22 R22

-141b

HCFC-141b

-141b HCFC-141b

24 (NOx ≤1200mg/m3

)

DCS

25 ≤1.0

26

27

28

29

30

31

32

400 1.5

200

2 200

2

300 2

33

8000

34

35

36

37

1 PET [

CDP ECDP COPET

HSPET

/Artifact<</Type/Pagination/Subtype/Footer/BBox[0 0 595 842]/Attached[0]/A<</O/Layout/P 90.0>>>>BDC BT/F6 15 Tf1 0 53.22[

PSA UHMWPE

≥300 / PPS

PI PTFE PBO

POD BF SiCF

PEEK HT-AR]

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12 PVA

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11 BIM

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6 7200 6000

200 3000

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IGCT IGBT

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1 2.5GB/S

2 155MB/S

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5 NB-IoT eMTC

6)

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9 IP

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13 32

14 10GB/S

15

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19 0.8

BGA PGA

CSP MCM) (LGA)

SIP FC WLP

MEMS

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21

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23

24

DCS PLC

SCADA APC

36

37

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41 TFT-LCD LED

OLED 3D

42

43

44

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47

48 TDD

230MHz

LTE-V2X

49

50

51

65 /

22.5% 21.5%

17% 18%

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5 600mmx400mm

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100 / 20 /

20 / 10 /

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CO2 20% 100 /

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300 /

3 7 / 20

30 /

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( )

6 3 / 1

/ 100% 5 /

2 /

7 ( )

8

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10 1 /

TGIC

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12 HF

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10 /

4	30	100		100
5				

ž0-315%SX ° ŠÓÞÀ° ýaÜÜÄ-Ý en-US

16 300 300

1320 /

10 /

17 1.25

1.25 11000 /

18 1.65 1.65

9000 /

19 2×2.5 (

<2×1.25)

1 1 30

2 10 /

3

4 5 /

5 10 / 3

/ 5

/

6

7 10 /

8 5 /

2 /

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11

1 200
50%
2 300

3 200

4 1500 /

5 300
100
6 30

7

1 2000 /
,60 /
2 150 /
3 60 /
4 3000 /

5 3 /

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7 15 /

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9 6000 /

10 20000 / 8000 /

11 100 /

12 PCCP PCCP-L

≤50 PCCP-E ≤30

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7- 7-ACA 7- -3-

7-ADCA V

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8	800	
9		3.5
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24 220

25 220

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28 8.8

29 560 1.25

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43 Y IP44 80 355

Y2 IP54 63 355

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51 /

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53

355/ 53

XPS

6 PVC

7

7 4000 /

5000 /

8 1/3000 ≤15

5/1000

1/1000 ≤50

1/400 ≤8 7

9 1/3000 ≤300

1/3000 ≤150

T

17 100 /

60 /

18

19 30 / 10

/ 10 /

20 5000 3000

3000

21

31

32 5

33 10 / 20

/

1 20 / PET

2 DMT

3

4

5 1200

6

7 ≤1000 / ≤2

8 25 /

9 200 /

10 5 /

11 FA502 FA503

12 600 / 700

/ 900 /

13 PVA

14 20

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5 6AM φM-2.5 PA-3

6 PB2 PB3 PB4

7 PG-27

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9 ZYZ ZY3

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3 5000 /

3000 /

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6.5

4 1 / 0.5 /

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5000 / 5000

/

5 0.3 / 100% 1

/ 1.5 / 2 /

10 /

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4 4-

- [DSD] 2- -4- -5- [CLT]

1- -8- -3 6- [H]

9 50 /

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5 90 8

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6 400 200

100 100

2020 12 31 200

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30 120 2020

12 31

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32 5000 150

150

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REO /

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5 100 / 20 /

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9 1000 /

10 500 / 500

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14 SJ1580-3000

15 SQP400500-700500

16 1000

17 100

18

20 1 /

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21

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23 6×600

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1

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3 GMP

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7

8 CFCs

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1

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3 TQ60 TQ80

4 QT16 QT20 QT25

5 KJ1600/1220

6 3000

7 4000

8 3000

9

10 CFCs

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22 ≥0.25

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24 SF6

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26 5 /

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2 90 120

01Tm 7J ET 640CD25B554B009CEEMC /P <</MCID 9>> BDC BT 37 0 0 1 90.024 570

12 1.76 120 /

13 2 80 /

14 CFCs

15 CFCs

16 CTC

17 CFC 113 TCA

18

19

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22 150 / 250

23 20

200 /

24 5 /

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26 15 97%

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2 1000 80

400 160

200

3 ZD647 ZD721 D101A

ZD681 DJ561 K251 K251A

4 Z114

5 GE186

6 Z261

7 74

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4 ZD201 ZD301

5 TH1 ZT102

6 ZDK101

7 KMD101

8 AZP502 ZSY101

TZP101 ZZP101

9 QY401 2QY404 QYSH401 2QY401 DY401

10 YX01 YX02 YX03 HX01 HX02 HX03 HX04

11 PZB401 YZB02 YZB03 YZB04 YZB05 YZB06 YZB07

12 JB01

13 RQ02 RQ03 RQ04

14 BB01 YGB02 YGB03 YGB04 YGB05 YTB01 YJB02 YXB04 YXB05 YXB302

15 P401 P402 P801 P802 P803 P804

16 PE802

17 TE102 TE105 TE108

18 TY201 TY401

31 J2101 PZ1920

4000 PZ1615

4000 YPS1920

4000

32 W1101 AJ401

33 DJ01 PRD-01 PRD-02

DBT-01

34

35 QZ101 QZ201 QZ301 QZ401

36 MD103A

9

10

11

12

GB14470.2

13 130

14 1200kg/h

800kg/h

15 85

16 1.5Ω 2m

17

18 1.0Ω 2m

19

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24 10000

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1 G60 G17

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6 БУ-40

7 1.98

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9 LL-2 LB-3 EU-2 EA-2 CK

10 BA BA2 G

11 DDZ-I

12 GGP-01A

13 BLR-31

14 WFT-081

15 WDH-1E WDH-2E PY5

16 BC LCH-511 YCH-211 LCH-311 YCH-311 LCH-211 YCH-511

17 EWC-01A

18 XQWA

19 ZL3 X-Y

20 DBU-521 DBU-521C

21 YB 63 355mm, 660V YBF 63 160mm 380 660V 380/660V YBK 100 355mm 380/660V 660/1140V

22 DZ10 DW10

23 CJ8

24 QC10 QC12 QC8 QC8 8

25 QC10 JR9 JR14 JR15 JR16-A B C D JR0

26 , ,

43 3

44 A571

45 DS3-10 DS3-30 DS3-50 1000 3000 5000A DS10-10 DS10-20 DS10-30 1000 2000 3000A

46 SX

47 DD1 DD5 DD5-2 DD5-6 DD9 DD10 DD12 DD14 DD15 DD17 DD20 DD28

48 SL7-30/10 SL7-1600/10 S7-30/10 S7-1600/10

49 HD6 HD3-100 HD3-200 HD3-400 HD3-600 HD3-1000 HD3-1500

50 GC DG270-140 DG500-140 DG375-185

51 S15H-16 S19-16 S19-16C S49H-16 S49-16C S19H-40 S49H-40 S19H-64 S49H-64

52

53 1-10/8 1-10/7

54 8-18 9-27

55 X52 X62W 320×150

56 J31-250

57 TD60 TD62 TD72

58 E135 2 4 6 4146

59 TY1100

60 165

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KJ JKA XKT

JTK

TKD

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16 0.025

3 >1500 13 2021

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2021 1 1

20 2026 1 1

21 2%

2% 2021 1 1

22 30 5

2021 1 1

23 1 60

5

2 40 40 10

2021 1 1

24 2021 1 1

25 HCFC-141b

26

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1 1211

2 1301

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5 1211

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17 PVC

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