


Polysulfone

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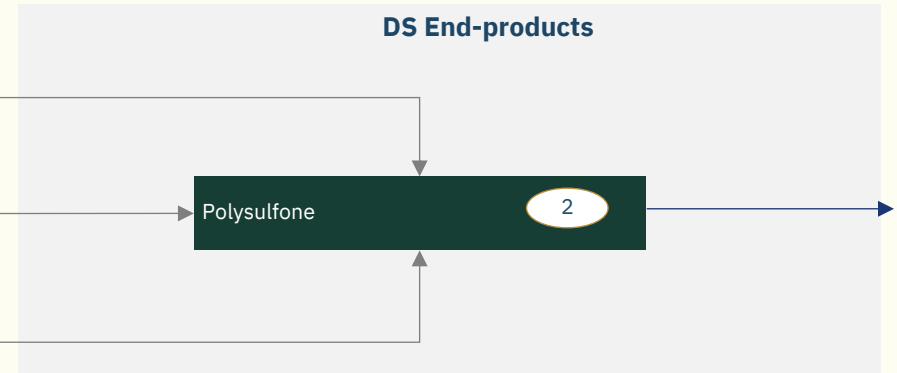
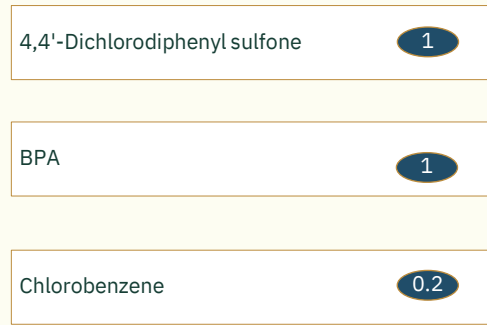
	Product	Non captive volume, KTA	Total volume, KTA	Location	Key Driver
Key metrics 	Polysulfone	2	2	Jubail	KSA demand growth for polysulfone is expected to be driven by healthcare and automotive sector
	Total	2	2		

Value chain



Integrated case
x Raw Materials
 xxx end products
 → Sold to market
 xx Captive capacity
 xx Non-captive capacity

Raw Materials



Exemplary players

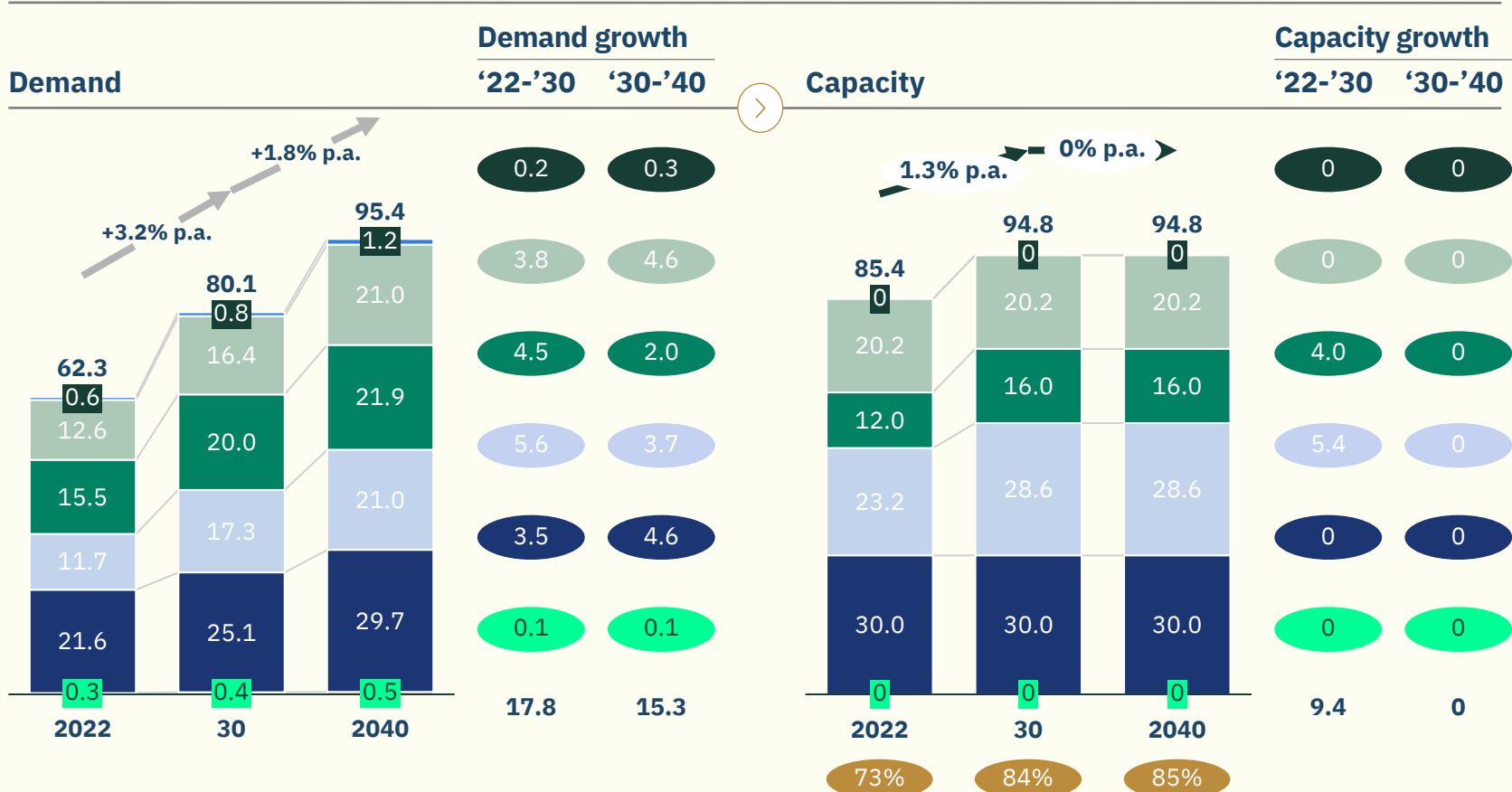


Global demand for Polysulfone is expected to grow faster than capacity in 2022 - 2040

xx% Estimated Utilization rate, %

■ Middle East¹
■ Europe
 ■ North America
■ Asia²
■ China
 ■ RoW

Global Polysulfone demand / capacity, KTA



Key takeaways

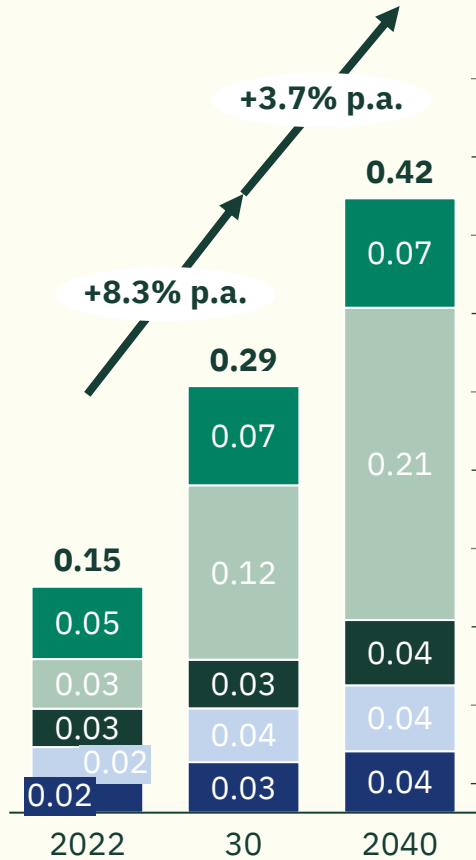
- Addressable demand³ for polysulfone by 2030 is ~8.4 KTA, coming from:
 - Middle East 0.2 KTA
 - Asia 3.8 KTA
 - Europe 0.5 KTA
 - China 0.2 KTA
 - North America 3.5 KTA
 - RoW 0.1 KTA
- Target demand 1.7 KTA (ME and EU, SEA)
- Demand gap is estimated assuming the utilization rates will reach 84% and 85% by 2030 and 2040, respectively
- Additional gap of ~15 KTA by 2040** expected considering projected growth

1. Includes Iran, Israel, Kuwait, Oman, Qatar, KSA, Syria, UAE, Turkey | 2. Excluding China | 3. Calculated as demand growth – capacity growth if demand growth > capacity growth, otherwise 0 (except for Middle East, where KSA growth can always be captured)

KSA demand growth for polysulfone is expected to be driven by healthcare and automotive sector

xx% Share of demand covered by the application¹, %

KSA polysulfone demand projection, KTA



Demand drivers

End market (application)	Demand outlook, KTA	CAGR '22-'30, %	CAGR '30-'40, %
32% → Healthcare & Pharma (surgical trays)	0.05, 0.07, 0.07	4%	1%
22% → Automotive (transportation)	0.03, 0.12, 0.21	17%	6%
17% → Consumer (household/food service product)	0.03, 0.03, 0.04	3%	3%
15% → Electrical (circuit boards)	0.02, 0.04, 0.04	6%	2%
14% → Industrial manufacturing (coating, adhesives)	0.02, 0.03, 0.04	6%	2%

Key takeaways

KSA represents ~0.25% of global demand and expected to grow at 8.3% CAGR by 2030

Afterwards the growth will be ~3.7% until 2040

Key drivers of growth in KSA is:

- **Automotive sector** with a 17% CAGR between 2022-30
- **Healthcare sector** with a 4% CAGR between 2022-30
- KSA demand is exceptionally higher than the global demand (~8.3% KSA vs. ~3.2% global CAGR '22-'30)

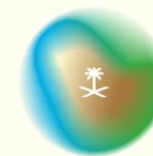
Size of the local market makes polysulfone an export-oriented investment case

1. Middle East share

Source: Internal analysis

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Thank You