## **IVL Debt Details**

## INDORAMA

				Repayments of Total Long Term Loans						
Amt in Thai Baht (THB)		4Q19	Γ	2020	2021	2022	2023	2024	2025+ Onwards	Total
Long Term Loans (Projects)	M THB	49,404	34%	6,163	12,711	10,373	7,067	7,940	5,150	49,404
Debentures	M THB	67,168	46%	4,108	7,525	7,571	5,129	14,240	28,596	67,168
Total Long Term Loans	M THB	116,572	79%	10,271	20,236	17,944	12,196	22,180	33,746	116,572
Fixed Portion	%	62%		9%	17%	15%	10%	19%	29%	100%
Short Term Loans	M THB	30,379	21%							
Total Debt	M THB	146,951	100%						-	
Cash & Cash under management	M THB	(10,656)				e Break up of				
Net Debt	M THB	136,295		61,248	41,429	34,029	10,245	146,951		
Capex on Projects which are not operational yet	M THB	(44,647)		US\$	EUR	THB	Others	Total		
Integrated PET (PET + PTA + Recycling + PX)	M THB	(13,433)		42%	28%	23%	7%	100%		
Integrated Oxides and Derivatives	M THB	(27,753)								
Specialty Chemicals (Specialty PET, IPA, NDC)	M THB	(143)								
PACKAGING	M THB	(76)								
FIBERS	M THB	(3,242)								
Net Operating Debt	M THB	91,648								
Closing Exchange Rate	THB/\$	30.15								
	-					Repayment	s of Total Long	Term Loans		
Financials in USD (US\$)		4Q19		2020	2021	2022	2023	2024	2025+ Onwards	Total
Long Term Loans (Projects)	M\$	1,638	34%	201					2025+ Onwarus	
Debentures		1,050	5470	204	422	344	234	263	171	1,638
	M\$	2,227	46%	136	250	251	170	472		1,638 2,227
Total Long Term Loans	M\$ <b>M\$</b>	,							171	,
	· · · ·	2,227	46%	136	250	251	170	472	171 948	2,227
Total Long Term Loans Fixed Portion Short Term Loans	M\$ % M\$	2,227 <b>3,866</b>	46% 79% 21%	136 <b>341</b>	250 671	251 <b>595</b>	170 <b>404</b>	472 736	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion	M\$ %	2,227 3,866 62%	46% <b>79%</b>	136 <b>341</b>	250 671	251 <b>595</b>	170 <b>404</b>	472 736	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans	M\$ % M\$	2,227 3,866 62% 1,007	46% 79% 21%	136 <b>341</b>	250 671 17%	251 <b>595</b>	170 404 10% Total Debt	472 736 19%	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt	M\$ % M\$ M\$ M\$ M\$ M\$	2,227 3,866 62% 1,007 4,873	46% 79% 21%	136 341 9% 2,031	250 671 17% Currencywis 1,374	251 595 15% e Break up of 1,129	170 404 10%	472 736 19% 4,873	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt Cash & Cash under management	M\$ % M\$ M\$ M\$	2,227 3,866 62% 1,007 4,873 (353)	46% 79% 21%	136 <b>341</b> 9%	250 671 17% Currencywis	251 595 15% e Break up of	170 404 10% Total Debt	472 736 19%	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt Cash & Cash under management Net Debt	M\$ % M\$ M\$ M\$ M\$ M\$	2,227 3,866 62% 1,007 4,873 (353) 4,520	46% 79% 21%	136 341 9% 2,031	250 671 17% Currencywis 1,374	251 595 15% e Break up of 1,129	170 404 10% Total Debt 340	472 736 19% 4,873	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans         Fixed Portion         Short Term Loans         Total Debt         Cash & Cash under management         Net Debt         Capex on Projects which are not operational yet	M\$ % M\$ M\$ M\$ M\$ M\$	2,227 3,866 62% 1,007 4,873 (353) 4,520 (1,481)	46% 79% 21%	136 341 9% 2,031 US\$	250 671 17% Currencywis 1,374 EUR	251 595 15% e Break up of 1,129 THB	170 404 10% Total Debt 340 Others	472 736 19% 4,873 Total	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt Cash wcash under management Net Debt Capex on Projects which are not operational yet Integrated PET (PET + PTA + Recycling + PX)	M\$ % M\$ M\$ M\$ M\$ M\$ M\$ M\$	2,227 3,866 62% 1,007 4,873 (353) 4,520 (1,481) (445)	46% 79% 21%	136 341 9% 2,031 US\$	250 671 17% Currencywis 1,374 EUR	251 595 15% e Break up of 1,129 THB	170 404 10% Total Debt 340 Others	472 736 19% 4,873 Total	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt Cash was management Net Debt Capex on Projects which are not operational yet Integrated PET (PET + PTA + Recycling + PX) Integrated Oxides and Derivatives	M\$           %           M\$           M\$	2,227 3,866 62% 1,007 4,873 (353) 4,520 (1,481) (445) (920)	46% 79% 21%	136 341 9% 2,031 US\$	250 671 17% Currencywis 1,374 EUR	251 595 15% e Break up of 1,129 THB	170 404 10% Total Debt 340 Others	472 736 19% 4,873 Total	171 948 <b>1,119</b>	2,227 <b>3,866</b>
Total Long Term Loans Fixed Portion Short Term Loans Total Debt Cash & Cash under management Net Debt Capex on Projects which are not operational yet Integrated PET (PET + PTA + Recycling + PX) Integrated Oxides and Derivatives Specialty Chemicals (Specialty PET, IPA, NDC)	M\$         %           M\$         M\$	2,227 3,866 62% 1,007 4,873 (353) 4,520 (1,481) (445) (920) (5)	46% 79% 21%	136 341 9% 2,031 US\$	250 671 17% Currencywis 1,374 EUR	251 595 15% e Break up of 1,129 THB	170 404 10% Total Debt 340 Others	472 736 19% 4,873 Total	171 948 <b>1,119</b>	2,227 <b>3,866</b>

## Glossary of commonly used terms

Core	=	Core financials are calculated as reported financials less Inventory gain/ (loss)-tax adjusted as applicable and less extraordi items, if any to reflect operations before any extraordinary items	inary
HVA	=	<ul> <li>High Value Added, which is defined as below:</li> <li>a) all Fibers &amp; Yarns in Western Countries except M&amp;G Fibras</li> <li>b) PEO (purified ethylene oxide) at our EOEG site in NA</li> <li>c) all downstream packaging businesses (Preforms, Bottles, Closures etc.)</li> <li>d) all specialty PET resins including recycled products globally</li> <li>e) all specialty Fibers &amp; Yarns in Asia including recycled products</li> <li>f) IPA (purified isophthalic acid) with Cepsa, Spain acquisition</li> <li>g) NDC (naphthalene dicarboxylate) with BP Alabama, USA acquisition</li> </ul>	
Necessities	=	Items not classified as HVA but which are essential part of our daily lives	
West	=	North America & EMEA	
EMEA	=	Europe, Middle East & Africa	
West Necessities	=	Necessities in the West (also termed "special position")	
East Necessities	=	Necessities in Asia (also termed "cyclicals")	
Feedstocks	=	PTA, MEG and IPA as they are raw materials for PET resin and/or polyester fibers	
West Feedstocks	=	Feedstocks in West region	Page 7