

Biopharma

Biopharma utilizes microbiology, biology & biochemistry to produce drug products from organisms or their components. The significant and global trend to a rise in chronic diseases is driving the need for advanced biotechnological products. Medical grade plastics are used in several stages of the process as Biopharmaceutical companies strive to develop more efficient treatments. ALBIS focuses on material solutions that meet the stringent demands of medium preparation, mixing and storage, bioreactors, filters and connectors.



Healthcare Polymer Solutions.

Application			Material Solutions		
Focus area	Application examples	Key features	Polymer Type / Brand name		Manufacturer
Bioprocessing Components	Inliner for transportation container Sensor housings Stir rods Mixing elements Connectors Flanges Clamps Agitating vane Tubing	Radiation & Steam resistance Laser markable Biocompatibility Chemical resistance Processability Colourability	ABS	Novodur® HD	INEOS Styrolution
			ASA	Luran® S MED	INEOS Styrolution
			Healthcare Compounds	Alcom® MED	MOCOM
			PA11	Rilsan® MED	ARKEMA
			PARA	IXEF® HC/GS	Syensqo
			PBT	Ultradur® PRO	BASF
			PC	Makrolon®	Covestro
			PE	Purell®	LyondellBasell
			POM	Ultraform® PRO AT	BASF
			PP	Purell®	LyondellBasell
			PSU/PESU/PPSU	Ultrason®	BASF
			PVDF	Kynar® MED	ARKEMA
			SBC	Styrolux®	INEOS Styrolution
			SMMA	NAS®	INEOS Styrolution
Filtration	Housings Membranes Caps & closures Filter elements	Radiation & Steam resistance Laser markable Chemical resistance Low L/E profile Colourability	ABS	Novodur® HD	INEOS Styrolution
			Healthcare Compounds	Alcom® MED	MOCOM
			PARA	IXEF® HC/GS	Syensqo
			PC	Makrolon®	Covestro
			PC-HT	Apec®	Covestro
			PE	Purell®	LyondellBasell
			PP	Purell®	LyondellBasell
			PS	Styrolution® PS	INEOS Styrolution
			PSU/PESU/PPSU	Ultrason®	BASF
			SBC	Styrolux®	INEOS Styrolution
			SMMA	NAS®	INEOS Styrolution
Storage & Liquid Handling	Bags Bottles Containers Vessels Closures	Sterilizability Biocompatibility Chemical resistance Low L/E profile Easy to Process	PA11	Rilsan® MED	ARKEMA
			PC	Makrolon®	Covestro
			PE	Purell®	LyondellBasell
			PP	Purell®	LyondellBasell
			PS	Styrolution® PS	INEOS Styrolution
			PVDF	Kynar® MED	ARKEMA
			SAN	Luran® HD	INEOS Styrolution
			diverse compounds	Altech®	MOCOM



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