

# VALOX™

VALOX™ are a semi-crystalline family of PBT, PET and blends with Polycarbonate (PC), offering an outstanding mix of value added properties for a variety of applications.

GENERAL PURPOSE		MVR	GF%	FLEXURAL MODULUS	HDT	VICAT SOFTENING TEMP	UL94 LISTING
325	Unfilled, reinforced PBT.	14	0	2400	115	175	HB/1.5mm
DR51	15% GF, reinforced PBT.	15	15	5100	210	210	HB/0.75mm
4012G	10% GF, reinforced PBT.	18	10	3900	215	205	HB/1.6mm
4022	20% GF, reinforced PBT.	16	20	6200	220	210	HB/0.84mm
4031	30% GF, reinforced PBT.	12	30	8300	220	215	HB/0.84mm
LOW WARPAGE & WEATHERABLE							
VX4910	10% GF, reinforced PBT/ASA	25*5kg	10	3800	205	150	-
VX4915R	15% GF, reinforced PBT/ASA	20*5kg	15	4600	200	135	-
VX4920	20% GF, reinforced PBT/ASA.	17*5kg	20	5700	209	170	HB/1.6mm
VX4930	30% GF, reinforced PBT/ASA.	13*5kg	30	8200	223	182	HB/0.75mm
HIGH HEAT & IMPROVED AESTHETICS							
815	15% GF, reinforced PBT/PET.	**50	15	5200	210	204	HB/1.5mm
830	30% GF, reinforced PBT/PET.	**35	30	8800	220	208	HB/1.5mm
8032U(X)	30% GF, reinforced PBT/PET, UV stable.	**35	30	8500	217	204	HB/1.6mm
VX4930	30% GF, reinforced PBT/ASA.	**13@5kg	30	8200	223	182	HB/0.75mm
IMPACT MODIFIED							
3007	Unreinforced, impact modified.	8@1.2kg	0	2200	120	173	HB/1.5mm
FDA COMPLIANT							
325F	Unreinforced PBT.	18	0	2400	150	185	HB/ 1.5mm
325FC	Unreinforced PBT, improved flow and processing.	20	0	2400	150	185	-

		MVR	GF%	FLEXURAL MODULUS	HDT	VICAT SOFTENING TEMP	UL94 LISTING
<b>HYDRO STABLE</b>							
K3501	Unreinforced PBT.	26	0	2000	0	165	-
K4530	15% GF, reinforced PBT.	17	15	4750	218	205	-
K4560	30% GF, reinforced PBT.	12	30	7400	220	204	-
<b>LOW WARPAGE</b>							
VX5011	10% GF, reinforced PBT/PC.	18	10	4000	175	145	-
VX5022	20% GF, reinforced PBT/PC.	13	20	6300	180	145	HB/ 1.5mm
508	30% GF, reinforced PBT/PC.	8	30	8000	206	170	HB/ 1.5mm
<b>SUPER HIGH FLOW</b>							
SHF4320	10%GF	SHF4330 *28	10	4000	215	203	-
SHF4330	15% GF, reinforced PBT/ASA.	250@5kg	15	4800	204	157	-
SHF4340	20% GF, reinforced PBT.	40	20	5600	223	205	-
<b>HIGH HEAT</b>							
735	40% mineral and glass filled PBT/PET/PC.	3 #	40	8300	190	180	HB/ 0.81mm
<b>HEALTHCARE</b>							
HX260HPR	Unreinforced PBT	15	0	2300	-	175	-
HX312C	Biocompatible (ISO 10993 / USP Class VI), food contact compliant. EtO and steam sterilizable.	31@1.2	0	2400	125	175	HB/ 1.5mm
HX420HP	30% GF, reinforced PBT, available in limited colors. Biocompatible (ISO 10993 / USP Class VI), food contact compliant. EtO and steam sterilizable.	20	30	8500	215	215	-
<b>DIRECT METALLIZEABLE</b>							
V2000DM	Unreinforced PBT.	34	0	2500		186	
		<b>Standard</b>	ISO1133 3 **ASTM D 1238	ISO178	ISO 75/Be	ISO306	UL94
		<b>Unit</b>	cm <sup>3</sup> /10min **g/10min	MPa	°C	°C	Flame class rating x mm
		<b>Condition</b>	250°C/2.16kg *250°C/5.0kg **265°C/5.0kg		0.45 MPa	B/50	

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