

## US MASTERBATCH PVC COMPOUND PRODUCTS SPECIFICATION

No	Type	Flexible PVC Compound									Rigid PVC compound					TEST METHOD
	Grade name Items	UPW I100FR	UPW I101	UPW S101	UPW B101	UPG 001	UPS 201	UPC 001	UPM 100	UPH 401	UPF 901	UPF 101	UPP P901	UPP P101	UPP 001	
1	Density	1.47 ± 0.02	1.54 ± 0.02	1.48 ± 0.02	1.76 ± 0.02	1.30 ± 0.02	1.27 ± 0.02	1.4 ± 0.02	1.25 ± 0.02	1.43 ± 0.02	1.4 ± 0.02	1.4 ± 0.02	1.39 ± 0.03	1.46 ± 0.03	1.58 ± 0.03	ASTM D792
2	Hardness shore A/D	90 ± 3 Shore A	90 ± 3 Shore A	81 ± 3 Shore A	81 ± 3 Shore A	53 ± 3 Shore A	73 ± 3 Shore A	92 ± 3 Shore A	75 ± 3 Shore A	78 ± 3 Shore A	79 ± 3 Shore D	77 ± 3 Shore D	76 ± 3 Shore D	75 ± 3 Shore D	69 ± 3 Shore D	ASTM D2240/ISO 868
3	Tensile Strength (Mpa)	≥ 13	≥ 13	≥ 12	> 2	≥ 5	≥ 12	≥ 12	≥ 12.5	≥ 10	≥ 35	≥ 35	≥ 35	≥ 35	-	IEC 60811-1-1
4	Elongation (%)	≥ 250	> 200	≥ 220	≥ 150	≥ 350	≥ 300	≥ 150	≥ 300	≥ 250	≥ 100	≥ 100	≥ 100	≥ 100	-	IEC 60811-1-1
5	Izod Impact Strength (J/m)	-	-	-	-	-	-	-	-	-	≥ 60	≥ 60	≥ 60	≥ 60	≥ 60	ASTM D256
6	Vicat Softening Point (°C)	-	-	-	-	-	-	-	-	-	≥ 72	≥ 72	≥ 72	≥ 72	-	ASTM D1525
7	Thermal Stability at 200°C (mins)	> 100	> 60	> 60	> 60	30	30	30	30	30	40	30	30	30	40	IEC 60811-3-2
8	Flammability resistance	V0	V2	V2	-	-	-	-	-	-	-	-	-	-	-	UL 94
9	Applications	Wire and cable insulation with flame retardant	Wire and cable insulation with flame retardant	Wire and cable sheathing with flame retardant	Wire and cable bedding	Flexible gasket, window gasket	Shoes sole	Flexible carpet, home carpet	Transparent medical tools	Flexible hose, garden hose	General purpose of pipe fitting	General purpose of electrical box	General purpose of pipe	General purpose of conduit piping	V-bar profile	
10	Remarks:	1. Customization: Above product specifications are just for reference. We can customize any specifications according to customer requirements. 2. Standards and Color Availability: We are able to supply the products meet with ROHS, REACH standards with any colors as per customer's requirements. 3. Range of Applications: We can offer a wide range of PVC compound for your PVC products, not limited to above mentioned applications.														

