

UBE POWDER POLYETHYLENE



宇部丸善ポリエチレン株式会社

Grade	Item	MFR	Density	Tensile strength	Tensile elongation	Hardness	Vicat softening point	Brittle temperature	melting point	Bulk density	Particle size	Features	Applications
	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D2240	ASTM D1525	ASTM D746	ASTM D1525	UBE Method	UBE Method		
	Unit	g/10min	kg/m ³	MPa	%	(HDD)	°C	°C	°C	g/cm ³	mesh pass		
Fluidized bed coating (general purpose)	UM1805	30	922	16	690	52	85	<-70	116	0.35<	40	General purpose	Steel wire, Sheet iron
	UM1820	48	932	8	530	43	73	<-70	100	0.38<	40	General purpose	Steel wire, Sheet iron
	UM3117	35	946	9	520	44	79	95	104	0.35<	40	General purpose	Steel wire, Sheet iron
	UM5570	24	929	10	620	44	79	<-70	104	0.35<	40	General purpose	Steel wire, Sheet iron
Fluidized bed coating (adhesive)	UM1380	3	935	27	830	57	106	<-70	125	0.33<	40	Weatherability Adhesion	Thick steel tube
	UM1415	15	923	20	800	50	85	<-70	120	0.35<	40	Weatherability Adhesion	Fence
	UM1420	16	921	22	820	50	86	<-70	118	0.35<	50	Weatherability Adhesion	Steel wire, Sheet iron
	UM1885	9	929	14	840	51	86	<-70	120	0.33<	40	Weatherability Adhesion	Thin steel tube
	UM2615	15	946	20	850	50	85	<-70	120	0.35<	40	Weatherability Adhesion	Fence
	UM3216	20	941	11	680	48	76	<-70	102	0.35<	40	Weak adhesion	Steel wire, Sheet iron
	UM4470	10	936	19	770	56	92	<-70	125	0.35<	40	Weatherability Adhesion	Fence
Fluidized bed coating (designable)	UM7860	4	934	26	800	56	102	<-70	125	0.35<	40	Weatherability Adhesion	Thick steel tube
	UM2700	10	940	9	600	42	87	<-70	106	0.35<	40	Foamed Adhesion	Steel rod
	UM3824	15	925	21	800	51	84	<-70	121	0.35<	40	Adhesion Antimicrobial	Sheet iron
	UM4351M	13	927	22	750	50	86	<-70	121	0.35<	40	Metallic paint	Steel wire, Steel tube
Adhesive for fabric	UM8850	21	939	23	590	53	75	<-70	96	0.35<	40	Clear coat	Steel wire
	UM8420	75	930	9	740	35	59	<-55	94	0.36<	35	Adhesion	Fiber, Paper
	UM8510	24	925	10	600	44	80	<-70	104	0.36<	20	Adhesion	Fiber, Paper

* These values are typical properties and not to be considered as specifications.

* Specimens are prepared from compression-molded sheets.