

UBE POLYETHYLENE (CABLE GRADE)



Grade	Item	MFR	Density	Tensile strength	Tensile elongation	Flexural strength (Olsen)	Hardness	Vicat softening point	Brittle temperature	Features	Applications
	Test Method	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D747	ASTM D2240	ASTM D1525	ASTM D746		
	Unit	g/10min	kg/m ³	MPa	%	MPa	(HDD)	°C	°C		
Telecommunications	UBEC130	0.28	920	20	650	150	52	92	<-75	Excellent heat-aging resistance Irradiation crosslinkable Crosslinkable	General purpose insulation Irradiation crosslinkable insulation
	UBEC150	0.23	919	21	650	170	53	93	<-75	High speed extrusion	For fine insulation
	UBEC180	0.25	924	21	650	230	57	95	<-75	High speed extrusion Excellent abrasion resistance	For fine insulation
	UBEC450	1	921	18	650	150	52	92	<-75	Good electrical properties	Coaxial cable
	UBEC454	1	920	18	650	150	52	92	<-75	Good electrical properties High speed extrusion	Coaxial cable
	UBEC600V6	0.12	936	21	650	150	52	94	<-75	Weatherability ESCR	Sheath cable
	Z657	0.3	920	24	700	-	54	94	<-75	Weatherability(natural)	General purpose insulation

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Power	UBEC530	1.2	920	18	650	150	52	91	<-75	General purpose insulation	For crosslinkable insulation
	UBEC530S	1.2	920	18	650	150	52	91	<-75	Super-clean	For crosslinkable insulation
	UBEC130	0.28	920	20	650	150	52	92	<-75	Excellent heat-aging resistance Crosslinkable	Insulation Irradiation crosslinkable insulation
Flame Retardant	C791B	0.4	1400	12	600	-	45	-	<-30	Non-halogen(black) Flexibility	Eco cable LOI=40

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

* Specimens are prepared from compression-molded sheets.