

POLYETHYLENE C791B

UBE POLYETHYLENE (Wire & Cable grade)

Properties **Features** **Applications**

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.4	ASTM D1238
Specific gravity	-	1400	Immersion method
Tensile strength	MPa	12	ASTM D638
Tensile elongation	%	600	ASTM D638
Hardness	(HDD)	45	ASTM D2240
Brittle temperature	°C	<-30	ASTM D746
Smoke generation density	Ds.max	30	IEC 60695-6-31
Acidity of gas produced during combustion	pH	5	IEC 60754-2
Conductivity of gas produced during combustion	μ S/mm	0.8	IEC 60754-2
LOI	O ₂ %	40	ISO 4589-1

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

* Specimens are prepared from compression-molded sheets.

Features

- Non-halogen Black with phosphorus (Flame retardance)
- Flexibility

Applications

- Black jacket, Various telecom and industrial applications

