

POLYETHYLENE UBEC600V6

UBE POLYETHYLENE (Wire & Cable grade)

Properties Features Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	0.12	ASTM D1238
Density	kg/m ³	936	ASTM D1505
Tensile strength	MPa	21	ASTM D638
Tensile elongation	%	650	ASTM D638
Flexural strength(Olsen)	MPa	150	ASTM D747
Hardness	(HDD)	52	ASTM D2240
Vicat softening point	°C	94	ASTM D1525
Brittle temperature	°C	<-75	ASTM D746
Volume resistivity	Ω·m	10 ¹⁴ <	ASTM D257
Dielectric strength	MV/m	30	ASTM D149

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

* Specimens are prepared from compression-molded sheets.

Features

- Weatherability (Black compound)
- ESCR

Applications

- Jacket

