

POWDER POLYETHYLENE UM3216

POWDER POLYETHYLENE

Properties Powder Properties Features Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	20	ASTM D1238
Density	kg/m ³	941	ASTM D1505
Tensile strength	MPa	11	ASTM D638
Tensile elongation	%	680	ASTM D638
Hardness	(HDD)	48	ASTM D2240
Vicat softening point	°C	76	ASTM D1525
Brittle temperature	°C	<-70	ASTM D746
Melting point	°C	102	UBE method

Powder Properties

Item	Unit	Nominal value	Test method
Bulk density	g/cm ³	0.35<	UBE method
Particle size	pass	40	UBE method

Features

- Color : White
- Weak adhesion

Applications

- Fluidized bed coating
- Steel wire, Sheet iron

