

POWDER POLYETHYLENE UM1805

POWDER POLYETHYLENE

Properties Powder Properties Features Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	30	ASTM D1238
Density	kg/m ³	922	ASTM D1505
Tensile strength	MPa	16	ASTM D638
Tensile elongation	%	690	ASTM D638
Hardness	(HDD)	52	ASTM D2240
Vicat softening point	°C	85	ASTM D1525
Brittle temperature	°C	<-70	ASTM D746
Melting point	°C	116	UBE method

Powder Properties

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

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

Features

- Color : Black
- General purpose

Applications

- Fluidized bed coating
- Steel wire, Sheet iron

