

POWDER POLYETHYLENE UM5570

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POWDER POLYETHYLENE

Properties

Powder Properties

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Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	24	ASTM D1238
Density	kg/m ³	929	ASTM D1505
Tensile strength	MPa	10	ASTM D638
Tensile elongation	%	620	ASTM D638
Hardness	(HDD)	44	ASTM D2240
Vicat softening point	°C	79	ASTM D1525
Brittle temperature	°C	<-70	ASTM D746
Melting point	°C	104	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 : Brown
- General purpose

Applications

- Fluidized bed coating
- Steel wire, Sheet iron