

POWDER POLYETHYLENE UM8850

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Properties

Powder Properties

Adhesion strength

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Applications

Properties

Item	Unit	Nominal value	Test method
MFR	g/10min	21	ASTM D1238
Tensile strength	MPa	23	ASTM D638
Tensile elongation	%	590	ASTM D638
Hardness	(HDA)	53	ASTM D2240
Vicat softening point	°C	75	ASTM D1525
Brittle temperature	°C	<-70	ASTM D746
Melting point	°C	96	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

Adhesion strength

Temp. of base plate	Test condition	Unit	Nominal value
250°C	SS41 2.3 mm thick	N/cm	82
275°C			82
250°C	SUS304 2.0 mm thick		77
275°C			72

* Peel rate 50mm/min peel angle 90°

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

Features

- EAA powder
- Color : Natural
- Weatherability, Adhesion

Applications