

M410F-S

Data Sheet

- Medium flow, Low melting Temp. base resin for extrusion, FDA (Natural)

Physical Properties		Test Method	Unit	Value
Density		ASTM D792	g/cm ³	1.24
Water Absorption	23°C, 50%RH	ASTM D570	%	0.5

Mechanical Properties		Test Method	Unit	Value
Tensile Strength at Yield	23°C	ASTM D638	MPa	45
Nominal Strain at Break	23°C	ASTM D638	%	300
Flexural Strength	23°C	ASTM D790	MPa	45
Flexural Modulus	23°C	ASTM D790	MPa	1,050
Charpy Notched Impact strength	23°C	ISO 179/1eA	kJ/m ²	9

Thermal Properties		Test Method	Unit	Value
Melting Temperature		ASTM D3418	°C	200
Heat Deflection Temperature	18.6 Kg/cm ²	ASTM D648	°C	72
Melt Flow Index	240°C, 2.16kg	ASTM D1238	g/10min	35
Flammability	t = 0.8mm	UL 94	Class	HB

Properties are subject to change with a new knowledge and development.

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