

EnCom M PBET2020

Thermoplastic Polyester

EnCom, Inc.

Message:

EnCom M PBET2020 is a thermoplastic polyester material, which contains 25% mineral fillers. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is injection molding.

The typical application field of EnCom M PBET2020 is: automotive industry

General Information			
Filler / Reinforcement	Mineral filler, 25% filler by weight		
Uses	Application in Automobile Field		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	60	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.2	MPa	ASTM D638
Flexural Modulus	4100	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	186	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	104	°C	ASTM D648
CLTE - Flow	3.1E-5	cm/cm/°C	ASTM D696
Additional Information			

Melt Flow, ASTM D1238, 275°C/2.16 kg: 60 g/10 min

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Recommended distributors for this material

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