

VYPET VNT 840

PET-(GF+MX)40

Lavergne

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Stress at break	120	MPa	ISO 527
Flexural modulus, 23°C	10500	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
ASTM Data			
Compressive Strength	126	MPa	ASTM D 695
Rockwell Hardness	R 109	-	ASTM D 785
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	246	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	222	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	28.4	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1610	kg/m ³	ISO 1183
Water Absorption, 24hr	0.06	%	ASTM D 570

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America