

VYPET VNT 230
(PBT+PET)-GF30

Lavergne

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.01	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	140	MPa	ISO 527
Flexural modulus, 23°C	9000	MPa	ISO 178
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Break	140	MPa	ASTM D 638
Flexural Modulus	9800	MPa	ASTM D 790
Flexural Strength	190	MPa	ASTM D 790
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 264 psi	205	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ISO 1183
Density	1550	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Applications

Electrical and Electronical

Regional Availability

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