

VYPET VNT 615

PET-GF15

Lavergne

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	75	MPa	ISO 527
Flexural modulus, 23°C	3800	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Break	75	MPa	ASTM D 638
Flexural Modulus	4000	MPa	ASTM D 790
Flexural Strength	130	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85	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	1390	kg/m ³	ISO 1183
Density	1390	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

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

Applications

Electrical and Electronical, Encapsulation