

VYPET VNT 645

PET-GF45

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	160	MPa	ISO 527
Flexural modulus, 23°C	13000	MPa	ISO 178
Izod notched impact strength, +23°C	8.5	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Break	160	MPa	ASTM D 638
Flexural Modulus	14000	MPa	ASTM D 790
Flexural Strength	240	MPa	ASTM D 790
Izod Impact notched, 1/8 in	90	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 264 psi	230	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ISO 1183
Density	1680	kg/m ³	ASTM D 792

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