

Pibiter® NRV30LU NERO39

Polybutylene Terephthalate

SO.F.TER. SPA

Message:

30% glass fiber reinforced, UV stabilized PBT/PET alloy

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage	0.40	%	Internal Method
Water Absorption (Saturation, 23°C)	0.040	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	9200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	65	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	195	°C	ASTM D648
Vicat Softening Temperature	215	°C	ASTM D1525 ¹
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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Recommended distributors for this material

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