

Pibiter® EHID4011 NERO900

Polybutylene Terephthalate

SO.F.TER. SPA

Message:

Hi-impact PET/PC alloy

General Information			
Features	High Impact Resistance		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage	0.65	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	111	°C	ASTM D648
Vicat Softening Temperature	120	°C	ASTM D1525 ¹
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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