

DENITER E 3010

Acrylonitrile Butadiene Styrene + PET

Vamp Tech

Message:

PBT / PET, 30% glass fiber reinforced, not Flame Retardant compound, very good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm ³	ASTM D792
Water Absorption (Saturation)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ASTM D638
Tensile Strength (Yield)	120	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	60	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648A
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	270	°C	
Mold Temperature	90.0	°C	

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