

DELOXEN P 3010

Polyphenylene Ether + PS + PP

Vamp Tech

Message:

PPO / PP, 30% glass fiber reinforced, not Flame Retardant compound, good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ASTM D638
Tensile Strength (Yield)	70.0	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	13	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	30	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	145	°C	ASTM D648A
Vicat Softening Temperature	140	°C	ASTM D1525 ¹
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°C	UL 746
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	280	°C	
Mold Temperature	80.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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