

Generic DAP - Mineral

Diallyl Phthalate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic DAP - Mineral
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Mineral filler		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.75 - 1.86	g/cm ³	ASTM D792
Bulk Factor	2.3		ASTM D1895
Molding Shrinkage - Flow (23°C)	0.25 - 0.51	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	51.7 - 55.2	MPa	ASTM D638
Flexural Modulus (23°C)	8170 - 11700	MPa	ASTM D790
Flexural Strength (23°C)	89.6 - 104	MPa	ASTM D790
Compressive Strength (23°C)	144 - 152	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21 - 32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	161 - 274	°C	ASTM D648
CLTE - Flow	2.5E-5 - 4.6E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (23°C)	14 - 16	kV/mm	ASTM D149
Dielectric Constant (23°C)	3.68 - 4.70		ASTM D150
Dissipation Factor (23°C)	0.010 - 0.025		ASTM D150
Arc Resistance	135 - 180	sec	ASTM D495
Injection	Nominal Value	Unit	
Processing (Melt) Temp	113 - 143	°C	
Injection instructions			

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