

Quantum Composites QC-124-28

Thermoset, Unspecified
Quantum Composites Inc.

Message:

Quantum Composites QC-124-28 is a Thermoset, Unspecified (TS, Unspecified) product filled with 60% glass fiber. It can be processed by compression molding and is available in North America. Primary characteristic: heat resistant.

General Information			
Filler / Reinforcement	Glass Fiber,60% Filler by Weight		
Features	Fast Cure		
	Good Thermal Stability		
Appearance	Black		
	Natural Color		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	1.85	g/cm ³	ASTM D1895
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	75		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	248	MPa	ASTM D638
Flexural Modulus	19300	MPa	ASTM D790
Flexural Strength (Yield)	455	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1900	J/m	ASTM D256
Thermoset	Nominal Value	Unit	
Shelf Life (22°C)	8.7	wk	
Demold Time	5.0	min	

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