

duoMatrix® NEO

Unspecified
Smooth-On, Inc

Message:

duoMatrix® NEO is an Unspecified product. It can be processed by casting, hand lay-up, or spraying and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of duoMatrix® NEO include additive/masterbatch and prototyping applications.

Characteristics include:

Flame Retardant

Moisture Resistant

General Information			
Features	Flame Retardant		
	Good Strength		
	Low to No Water Absorption		
	Machinable		
	Paintable		
Uses	Blending		
	Modeling Material		
Appearance	White		
Processing Method	Casting		
	Hand Lay-up		
	Spraying		
Physical	Nominal Value	Unit	
Specific Volume	0.630	cm³/g	
Freeze/Thaw Resistance	3.0E+2	Cycles	
Mixing Ratio	100 Parts A (Powder): 50 Parts B (Liquid) by weight or volume		
Density	1.59	g/cm³	
Water Absorption (24 hr)	0.25	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.8 to 37.9	MPa	ASTM D638
Flexural Strength	51.7 to 67.6	MPa	ASTM D790
Compressive Strength	44.8 to 65.5	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	31	kJ/m²	
Thermoset	Nominal Value	Unit	
Pot Life ¹	6.0	min	
Demold Time	60	min	
NOTE			

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|----|---|
| 1. | 6 min. mechanically mixed, 15 min.
by hand |
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Recommended distributors for this material

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